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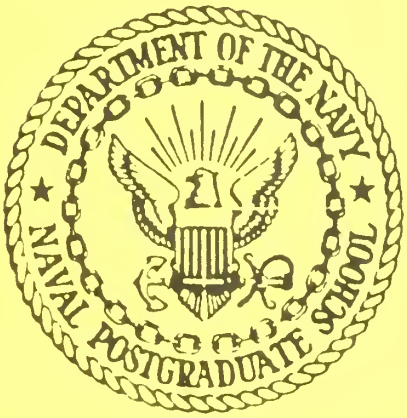

BIBLIOGRAPHY UPDATE ON THE CALIFORNIA CURRENT SYSTEM AND RELATED MESOSCALE OCEAN MODELING

by

MARY L. BATTEEN

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20. ABSTRACT *(Continue on reverse side if necessary and identify by block number)*
This bibliography has been prepared for use in the Ocean Prediction Through Observation, Modeling and Analysis (OPTOMA) program. It updates the 1980 publication "Bibliography for the Coastal Circulation of the Eastern North Pacific." In addition, mesoscale ocean modeling references related to the California Current System have been included.

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a report preprared in conjunction with

OPTOMA

by

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(1) This bibliography supplements the following publication:

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1. Abbott, M.R., 1983. Observations of mesoscale variability during CODE from the Coastal Zone Color Scanner (CZCS). EOS (Abstract only), 64, 1077.

2. Adamec, D. and R.L. Elsberry, 1984. Sensitivity of mixed layer predictions at ocean station Papa to atmospheric forcing parameters. J. Phys. Oceanogr., 14, 769-780.

3. Adamec, D., R.L. Elsberry, R.W. Garwood and R.L. Haney, 1980. An embedded mixed layer-ocean circulation model. NPS Technical Report, NPS 63-80-003, Naval Postgraduate School, Monterey, California, 41 pp. Also in: Dyn. Ocean Atmos., 6, 69-96, 1981.

4. Adamec, D. and R.W. Garwood, Jr., 1984. The simulated response of an upper ocean density front to local atmospheric forcing. J. Geophys. Res.. In press.

5. Alaka, M.A. and R.C. Elvander, 1972. Matching of observational accuracy and sampling resolution in meteorological data acquisition experiments. J. Applied Met., 11, 567-577.

6. Alaka, M.A. and R.C. Elvander, 1972. Optimum interpolation from observations of mixed quality. Mon. Wea. Rev., 100, 612-624.

7. Alexander, R.C. and J.W. Kim, 1976. Diagnostic model study of mixed-layer depths in the summer North Pacific. J. Phys. Oceanogr., 6, 293-298.

8. Allen, J.S., 1980. Models of wind-driven currents on the continental shelf. Ann. Rev. Fluid Mech., 12, 389-433.

9. Allen, J.S., 1983. Theoretical models for El Niño occurrences at midlatitudes along eastern ocean boundaries: A review. EOS (Abstract only), 64, 725.

10. Allen, J.S., 1984. A simple model for stratified shelf flow fields with bottom friction. J. Phys. Oceanogr., 14, 1200-1214.

11. Allen, J.S., R.C. Beardsley, J.O. Blanton, W.C. Boicourt, B. Butman, L.K. Coachman, A. Huyer, T.H. Kinder, T.C. Royer, J.D. Schumacher, R.L. Smith, W. Sturges and C.D. Winant, 1983. Physical oceanography of the continental shelves. Rev. Geophys. Space Phys., 21, 1149-1181.

12. Allen, J.S., R.C. Beardsley, W.S. Brown, D.A. Cacchione, R.E. Davis, D.E. Drake, C. Friehe, W.D. Grant, A. Huyer, J.D. Irish, M.M. Janopaul, A.J. Williams and C.D. Winant, 1982. A Preliminary Description of the CODE-1 Field Program. Woods Hole Oceanographic Institution, Tech. Rep. WHOI-82-51, 47 pp.

13. Allen, J.S. and D.W. Denbo, 1984. Statistical characteristics of the large-scale response of coastal sea level to atmospheric forcing. J. Phys. Oceanogr., 14, 1079-1094.

14. Allen, J.S. and G.R. Halliwell, Jr., 1983. CODE-1: Large-scale wind and sea level observations. In: CODE-1 Moored Data Report, L.K. Rosenfeld (Editor). Woods Hole Oceanographic Institution Technical Report. In preparation.

15. Allen, J.S., A. Huyer and R.L. Smith, 1981. Shelf currents off central and northern California. EOS (Abstract only), 62, 911.

16. Allen, J.S. and R.D. Romea, 1980. On coastal trapped waves at low latitudes in a stratified ocean. J. Fluid Mech., 98, 555-585.

17. Allen, J.S. and R.L. Smith, 1981. On the dynamics of wind-driven shelf currents. Phil. Trans. Roy. Soc. London, A302, 617-634.

18. Anderson, D.L.T. and A.E. Gill, 1975. Spin-up of a stratified ocean with applications to upwelling. Deep-Sea Res., 22, 583-596.

19. Apel, J.R. and F.I. Gonzalez, 1983. Nonlinear features of internal waves off Baja California as observed from the SEASAT imaging radar. J. Geophys. Res., 88, 4459-4466.

20. Atkinson, L.P., D.W. Stuart and T. Paluszkiewicz, 1983. OPUS II Overview: Meteorology and hydrography near Pt. Conception, California in April-May 1983. EOS (Abstract only), 64, 1077.

21. Barber, R.T. and R.L. Smith, 1981. Coastal upwelling ecosystems. In: Analysis of marine ecosystems, A.R. Longhurst (Editor), Academic Press, 31-68.

22. Barnett, T.P., 1981. On the nature and causes of large-scale thermal variability in the central North Pacific Ocean. J. Phys. Oceanogr., 11, 887-904.

23. Barnett, T.P., 1981. Statistical prediction of North American air temperatures from Pacific predictors. Mon. Wea. Rev., 109, 1021-1041.

24. Barnett, T.P., 1983. Long-term changes in dynamic height. J. Geophys. Res., 88, 9547-9552.

25. Barnett, T.P. and W.C. Patzert, 1980. Scales of thermal variability in the tropical Pacific. J. Phys. Oceanogr., 10, 529-540.

26. Barth, J.A., K.H. Brink, L.P. Atkinson and T. Paluszkiewicz, 1983. Current and hydrographic structures during the spring 1983 Opus field program. EOS (Abstract only), 64, 717.

27. Barth, J.A., R.E. Davis and K.H. Brink, 1983. Current structures during OPUS II. EOS (Abstract only), 64, 1078.

28. Barton, E.D. and M.L. Argote, 1980. Hydrographic variability in an upwelling area off northern Baja California in June 1976. J. Mar. Res., 38, 631-649.

29. Batteen, M.L., 1984. Numerical studies of mesoscale eddies using quasigeostrophic and primitive equation ocean models. Ph.D. Thesis, Oregon State University, Dept. of Atmospheric Sciences, Corvallis, Oregon, 292 pp. Also published as NCAR Cooperative Thesis No. 82, National Center for Atmospheric Research, Boulder, Colorado.

30. Batteen, M.L. and Y.-J. Han, 1981. On the computational noise of finite-difference schemes used in ocean models. Tellus, 33, 387-396.

31. Batteen, M.L. and W.R. Holland, 1984. A comparison of results of eddy-resolving quasi-geostrophic and primitive equation numerical simulations of the ocean general circulation. Submitted to: EOS (Abstract only).

32. Batteen, M.L. and W.R. Holland, 1984. On quasigeostrophic and primitive equations models of eddies and the ocean general circulation. In preparation.

33. Battisti, D.S. and B.M. Hickey, 1983. Application of remote wind forced coastal trapped wave theory to the Oregon and Washington coast. J. Phys. Oceanogr., 14, 887-903.

34. Beardsley, R.C., 1980. Coastal Ocean Dynamics Experiment (CODE). EOS (Abstract only), 61, 981.

35. Beardsley, R.C., D.C. Chapman, K.H. Brink, S.R. Ramp and R. Schlitz, 1984. The Nantucket Shoals Flux Experiment (NSFE79), Part 1: A basic description of the current and temperature variability. Submitted to: J. Phys. Oceanogr.

36. Beardsley, R.C. and D.B. Haidvogel, 1981. Model studies of the wind-driven transient circulation in the Middle Atlantic Bight, Part 1: Adiabatic boundary conditions. J. Phys. Oceanogr., 11, 355-375.

37. Beardsley, R.C., R. Limeburger and J.R. Dean, 1983. The surface wind field off northern California during CODE-2. EOS (Abstract only), 64, 716.

38. Bennett, A. and P. Kloeden, 1978. Boundary conditions for limited area forecasts. J. Atm. Sci., 35, 990-996.

39. Bergman, K.H., 1978. Role of observational errors in optimum interpolation analysis. Bull. Am. Met. Soc., 59, 1603-1611.

40. Bergman, K.H., 1979. Mulitvariate analysis of temperatures and winds using optimum interpolation. Mon. Wea. Rev., 107, 1423-1444.

41. Bernal. P.A., 1980. Large-scale biological events in the California Current: The low-frequency response of the epipelagic ecosystem. Ph.D. Thesis, University of California, San Diego, California, 184 pp.

42. Bernal, P.A. and J.A. McGowan, 1981. Advection and upwelling in the California Current. In: Coastal Upwelling, F.A. Richards (Editor), Coastal and Estuarine Sciences, Vol. 1, American Geophysical Union, Washington, D.C., 381-399.

43. Bernstein, R.L., 1982. Sea surface temperature estimation using the NOAA-6 satellite Advanced Very High Resolution Radiometer. J. Geophy. Res., 87, 9455-9465.

44. Bernstein, R.L., 1982. Sea surface temperature mapping with the SEASAT microwave radiometer. J. Geophys. Res., 87, 7865-7872.

45. Bernstein, R.L., 1983. Eddy structure of the North Pacific Ocean. In: Eddies in Marine Science, A.R. Robinson (Editor), Springer-Verlag, New York, 158-166.

46. Bernstein, R., D. Chelton and C.N.K. Mooers, 1982. Synopsis and recommendations of a workshop California Coastal Circulation Field Program. U.S. Department of the Interior Minerals Management Service, Pacific O.C.S. Region, Los Angeles, California, 15 pp.

47. Bird, A.A., R.J. Koob, J.B. Wickham and C.N.K. Mooers, 1984. Hydrographic data from the slope waters off central California, 26 November - 26 June 1980. NPS Technical Report, NPS 68-84-010, Naval Postgraduate School, Monterey, California, 86 pp.

48. Bird, A.A., J.B. Wickham, J.S. Bottero, G. Pittock, R.L. Smith and C.N.K. Mooers, 1984. Current meter data from the slope waters off central California, 25 July 1978 - 1 June 1980. NPS Technical Report, NPS 68-84-012, Naval Postgraduate School, Monterey, California, 384 pp.

49. Blumberg, A. and H.J. Herring, 1982. A vertically integrated circulation model using curvilinear coordinates. Prelim. Rep. U.S. Dept. Interior, Contract AA851-CTI-61, 17 pp.

50. Blumberg, A.F., H.J. Herring, L.H. Kantha and G.L. Mellor, 1983. California shelf circulation model. First Progress Report. Dynalysis of Princeton, Princeton, New Jersey.

51. Blumberg, A.F., H.J. Herring, L.H. Kantha and G.L. Mellor, 1983. A prognostic California shelf circulation model. EOS (Abstract only), 74, 727.

52. Blumberg, A.F., L.H. Kantha, H.J. Herring and G.L. Mellor, 1983. A numerical simulation of the circulation in the Santa Barbara Channel during April - June 1983. EOS (Abstract only), 64, 1077.

53. Blumberg, A.F. and G.L. Mellor, 1984. A description of a three-dimensional coastal ocean circulation model. To be published in: Three-dimensional shelf models, Coastal and Estuarine Sciences, T.N. Heaps (Editor), American Geophysical Union.

54. Blumberg, A.F. and G.L. Mellor, 1981. A coastal ocean numerical model. Mathematical Modeling of Estuarine Physics, J. Sundermann and K.P. Holz (Editors), Springer-Verlag, New York, 203-219.

55. Bratkovich, A., 1983. Aspects of the background internal wave variability observed during the Coastal Ocean Dynamics Experiment. EOS (Abstract only), 64, 717.

56. Breaker, L.C., 1983. The space-time scales of variability in oceanic thermal structure off the central California coast. Ph.D. Thesis, Naval Postgraduate School, Dept. of Oceanography, Monterey, California, 481 pp.

57. Breaker, L.C., J.C. Arvesen, D. Friedenlund and K. Short, 1984. A remote sensing experiment off Cape Mendocino. NASA AMES Tech. Rep. In press.

58. Breaker, L.C. and R.P. Gilliland, 1981. A satellite sequence on upwelling along the California coast. In: Coastal Upwelling, F.A. Richards (Editor); AGU Monograph, 87-94.

59. Breaker, L.C., P.A.W. Lewis and E.J. Orav, 1983. Sea-surface temperatures at three locations along the central California coast. EOS (Abstract only), 64, 1046.

60. Breaker, L.C., P.A.W. Lewis and E.J. Orav, 1984. Interannual variability in sea-surface temperature at one location along the central California Coast. NPS Technical Report, NPS 55-84-012, Naval Postgraduate School, Monterey, California, 14 pp.

61. Bretherton, F.P., 1975. Recent developments in dynamical oceanography. Quart. J. Roy. Meteor. Soc., 101, 705-721.

62. Bretherton, F.P., R.E. Davis and C.B. Fandry, 1976. A technique for objective analysis and design of oceanographic experiments applied to MODE-73. Deep-Sea Res., 23, 559-582.

63. Bretherton, F.P. and D.B. Haidvogel, 1976. Two-dimensional turbulence above topography. J. Fluid Mech., 78, 129-154.

64. Bretherton, F.P. and M. Karweit, 1975. Mid-ocean mesoscale modeling. In: Numerical models of ocean circulation, U.S. NAS, Washington, D.C., 237-249.

65. Bretschneider, D.E., 1980. Sea level variations at Monterey, California, M.S. Thesis, Naval Postgraduate School, Monterey, California, 105 pp.

66. Bretschneider, D.E. and D.R. McLain, 1983. Sea level variations at Monterey, California. NOAA Tech. Rep. NMFS SSRF - 761, 50 pp.

67. Brink, K.H., 1980. Propagation of barotropic continental shelf waves over irregular bottom topography. J. Phys. Oceanogr., 10, 756-778.

68. Brink, K.H., 1982. The effect of bottom friction on low-frequency coastal trapped waves. J. Phys. Oceanogr., 12, 127-133.

69. Brink, K.H., 1982. A comparison of long coastal trapped wave theory with observations off Peru. J. Phys. Oceanogr., 12, 897-913.

70. Brink, K.H., 1983. Low-frequency free wave and wind-driven motions over a submarine bank. J. Phys. Oceanogr., 13, 103-116.

71. Brink, K.H., 1983. Comments on the subinertial response of continental shelf waters to strong wind driving. EOS (Abstract only), 64, 740.

72. Brink, K.H., D.W. Stuart and J.C. Van Leer, 1983. Observations of the coastal upwelling region near 34.5 N off California, Spring 1981. WHOI Contribution No. 5319, Woods Hole, Massachusetts, 29 pp.

73. Brink, K.H., D.W. Stuart and J.C. Van Leer, 1984. Observations of the coastal upwelling region near 34° 30′ N off California: Spring 1981. J. Phys. Oceanogr., 14, 378-391.

74. Broenkow, W.W., 1982. A comparison between geostrophic and current meter observations in a California Current eddy. Deep-Sea Res., 29 (11A), 1303-1311.

75. Brown, E.D. and W.B. Owens, 1981. Observations of the horizontal interactions between the internal wave field and the mesoscale flow. J. Phys. Oceanogr., 11, 1474-1480.

76. Brown, W.S., J.D. Irish and C.D. Winant, 1983. Geostrophic transport variability during CODE. EOS (Abstract only), 64, 718.

77. Bryden, H.L., D. Halpern and R.D. Pillsbury, 1980. Importance of eddy heat flux in a heat budget for Oregon coastal waters. J. Geophys. Res., 85, 6649-6653.

78. Budd, B.W., 1980. Prediction of the spring transition and related sea-surface temperature anomalies. M.S. Thesis, Naval Postgraduate School, Monterey, California, 95 pp.

79. Burkov, V.A. and Y.V. Pavlova, 1980. Description of the eddy field of the California Current. Oceanology, 20, 272-278.

80. Cacchione, D.A. and D.E. Drake, 1982. Measurements of storm generated bottom stresses on the continental shelf. J. Geophys. Res., 87, 1952-1961.

81. Cacchione, D.A., D.E. Drake, W.D. Grant and A.J. Williams, III, 1983. Variability of sea-floor roughness within the Coastal Ocean Dynamics Experiment (CODE) region. WHOI Tech. Rep. 83-25, 44 pp.

82. Camerlengo, A.L. and J.J. O'Brien, 1980. Open boundary conditions in rotating fluids. J. Comp. Physics, 35 (1), 12-35.

83. Cane, M.A., V.J. Cardone, M. Halem and I. Halverstam, 1981. On the sensitivity of numerical weather prediction to remotely sensed marine surface wind data: A simulation study. J. Geophys. Res., 86, 8093-8106.

84. Carter, E.F., 1983. The statistics and dynamics of ocean eddies. Reports in Meteorology and Oceanography, No. 18, Harvard University, Cambridge, Mass. (Ph.D. Thesis).

85. Carter, E.F., 1984. A multiple scale objective analysis method. Submitted to: EOS (Abstract only).

86. Carter, E.F. and P. Bogden, 1983. Kinematics, statistics and maps of the temperature and velocity fields in the Polymode SDE. EOS (Abstract only), 64, 1019.

87. Carter, E.F. and A.R. Robinson, 1981. Time series of synoptic maps of the Western North Atlantic: A space-time objective analysis of POLYMODE XBT's. Reports in Meteorology and Oceanography, No. 15, Harvard University, Cambridge, Mass.

88. Carter, J.A., 1983. The three dimensional circulation off the west coast of the United States due to variable winds. EOS (Abstract only), 64, 1077.

89. Carton, J.A., 1983. Synoptic/mesoscale forecasting in the Western North Atlantic (the Polymode SDE). EOS (Abstract only), 64, 1019.

90. Carton, J.A., 1984. Coastal circulation caused by an isolated storm. J. Phys. Oceanogr., 14, 114-124.

91. Carton, J.A., 1984. Forecasting of the Synoptic/Mesoscale. Submitted to: EOS (Abstract only).

92. Carton, J.A., 1984. Coastal circulation with topography and realistic winds. In preparation.

93. Carton, J.A. and S.G.H. Philander, 1984. Coastal upwelling viewed as a stochastic phenomenon. J. Phys. Oceanogr.. In press.

94. Chao, S.-Y., 1981. Forced shelf circulation by an alongshore wind band. J. Phys. Oceanogr., 11, 1325-1333.

95. Chapman, D.C., 1983. On the influence of stratification and continental shelf and slope topography on the dispersion of subinertial coastally trapped waves. J. Phys. Oceanogr., 13, 1641-1652.

96. Chapman, D.C., 1984. A note on the use of two-layer models of coastally trapped waves. Dyn. Atmos. Oceans, 8(1), 73-86.

97. Chapman, D.C., 1984. The generation of barotropic edge waves by deep-sea internal waves. J. Phys. Oceanogr., 14, 1152-1158.

98. Chapman, D.C., 1984. On the numerical treatment of open boundaries in a barotropic coastal model. In preparation.

99. Chapman, D.C. and M.C. Hendershott, 1982. Shelf wave dispersion in a geophysical ocean. Dyn. Atmos. Oceans, 7, 17-31.

100. Charnock, H., 1981. Air-sea interaction. In: Evolution of Physical Oceanography, B.A. Warren and C. Wunsch (Editors), The MIT Press, Cambridge, Massachusetts, 482-503.

101. Chelton, D.B., 1980. Low frequency sea level variability along the west coast of North America. Ph.D. Thesis, University of California, San Diego, California, 212 pp.

102. Chelton, D.B., 1981. Interannual variability of the California Current-- Physical factors. CalCOFI Rep. 22, 34-38.

103. Chelton, D.B., 1982. Large-scale response of the California Current to forcing by the wind stress curl. CalCOFI Rep. 23, 130-148.

104. Chelton, D.B., 1984. Seasonal variability of alongshore geostrophic velocity off central California. J. Geophys. Res., 89, 3473-3486.

105. Chelton, D.B., P.A. Bernal and J.A. McGowan, 1982. Large-scale interannual physical and biological interaction in the California Current. J. Mar. Res., 40, 1095-1125.

106. Chelton, D.B. and R.E. Davis, 1982. Monthly mean sea level variability along the west coast of North America. J. Phys. Oceanogr., 12, 757-784.

107. Clancy, R.M., 1979. A numerical model of the tropical marine boundary layer for assessing the environmental impact of ocean thermal power plants. Technical Report SAI-79-748-WA, Science Applications, Inc., McLean, Virginia, 113 pp.

108. Clancy, R.M., 1982. The expanded ocean thermal structure (EOTS) analysis: Description, critique, and outlook. In: Ocean prediction: The scientific basis and the Navy's needs, C.N.K. Mooers, S.A. Piacsek and A.R. Robinson (Editors), 229-235.

109. Clancy, R.M., 1983. The effect of observational error correlations on objective analysis of ocean thermal structure. Deep-Sea Res., 30, 985-1002.

110. Clancy, R.M. and P.J. Martin, 1979. The NORDA/FLENUMOCEANCEN Thermodynamical Ocean Prediction System (TOPS): A technical description. NORDA Tech. Note 54, Naval Ocean Research and Development Activity, NSTL Station, Mississippi, 28 pp.

111. Clancy, R.M. and P.J. Martin, 1981. Synoptic forecasting of the oceanic mixed layer using the Navy's operational environmental data base: Present capabilities and future applications. Bull. Am. Met. Soc., 62, 770-784.

112. Clancy, R.M., P.J. Martin, S.A. Piacsek and K.D. Pollak, 1981. Test and evaluation of an operationally capable synoptic upper-ocean forecast system. NORDA Tech. Note 92, Naval Ocean Research and Development Activity, NSTL Station, Mississippi, 66 pp.

113. Clancy, R.M. and K.D. Pollak, 1983. A real-time synoptic ocean thermal analysis/forecast system. Prog. Oceanogr., 12, 383-424.

114. Clarke, A.J. and K.H. Brink, 1983. The response of stratified, frictional shelf and slope waters to fluctuating large-scale low frequency wind forcing. EOS (Abstract only), 64, 718.

115. Coats, D.A., 1981. An estimate of absolute geostrophic velocity from the density field in the Northeast Pacific Ocean. J. Geophys. Res., 86 (C9), 8031-8036.

116. CODE Group, 1983. Coastal Ocean Dynamics Experiment (CODE): A preliminary program description. EOS, 64(36), 538-540.

117. Collins, C.A., 1983. Intercomparison of measurements in the Polymode synoptic dynamics experiment. EOS (Abstract only), 64, 1019.

118. Colton, M.C., C.N.K. Mooers and M.M. Rienecker, 1984. OPTOMA AXBT synoptic/mesoscale maps. Submitted to: EOS (Abstract only).

119. Conrad, J.W., 1980. Relationships between sea-surface temperature and nutrients in satellite detected oceanic fronts. M.S. Thesis, Naval Postgraduate School, Monterey, California, 114 pp.

120. Cox, M.D. and K. Bryan, 1984. A numerical model of the ventilated thermocline. J. Phys. Oceanogr., 14, 674-687.

121. Crepon, M. and C. Richez, 1982. Transient upwelling generated by two dimensional atmospheric forcing and variability in the coastline. J. Phys. Oceanogr., 12, 1437-1457.

122. Crepon, M., C. Richez and M. Chartier, 1984. Effects of coastline geometry on upwellings. J. Phys. Oceanogr., 14. In press.

123. Csanady, G.T., 1980. Longshore pressure gradients caused by offshore wind. J. Geophys. Res., 85, 1076-1084.

124. Csanady, G.T., 1981. Circulation in the coastal ocean. Advances in Geophysics, 23, Academic Press, 101-183.

125. Csanady, G.T., 1981. Shelf circulation cells. Phil. Trans. Roy. Soc. London, A302, 515-530. Also in: Fluid Mech. Monogr., D. Reidel (Editor), Hingham, Massachusetts, 279 pp.

126. Csanady, G.T., 1982. On the structure of transient upwelling events. J. Phys. Oceanogr., 12, 84-96.

127. Csanady, G.T. and P.T. Shaw, 1983. The "insulating" effect of a steep continental slope. J. Geophys. Res., 88, 7519-7524.

128. Cushman-Roison, B. and J.J. O'Brien, 1983. The influence of bottom topography on baroclinic transports. J. Phys. Oceanogr., 13, 1600-1611.

129. Cushman-Roisin, B., J.J. O'Brien and R.L. Smith, 1983. On wind and ocean-velocity correlations in a coastal-upwelling system. J. Phys. Oceanogr., 13, 547-550.

130. Dantzler, H.L., 1976. Geographical variations in intensity of the North Atlantic and North Pacific oceanic eddy fields. Deep-Sea Res., 23, 783-794.

131. D'Asaro, E.A, 1984. Wind forced internal waves in the North Pacific and Sargasso Sea. J. Phys. Oceanogr., 14, 781-794.

132. Davey, M.K. and P.D. Killworth, 1984. Isolated waves and eddies in a shallow water model. J. Phys. Oceanogr., 14, 1047-1064.

133. Davidson, K.L., C.W. Fairall, P.J. Boyle and G.E. Schacher, 1984. Verification of an atmospheric mixed layer model for a coastal region. Submitted to: J. Applied Met.

134. Davies, H.C., 1983. Limitations of some common lateral boundary schemes used in regional NWP models. Mon. Wea. Rev., 111, 1002-1012.

135. Davis, R.E., 1983. Current-following drifters in CODE. SIO Ref. No. 83-4, CODE Tech. Rep. No. 10, Scripps Institution of Oceanography, La Jolla, California.

136. Davis, R.E., 1984. Drifter observations of coastal surface currents during CODE: The descriptive view. Submitted to: J. Geophys. Res.

137. Davis, R.E., 1984. Drifter observations of coastal surface currents during CODE: The statistical and dynamical views. Submitted to: J. Geophys. Res.

138. Davis, R.E., R. de Szoeke, D. Halpern and P. Miller, 1981. Variability in the upper ocean during MILE. Part I: The heat and momentum balances. Deep-Sea Res., 28, 1427-1451.

139. Davis, R.E., R. de Szoeke and P. Miller, 1981. Variability of the upper ocean during MILE. Part II: Modeling and mixed layer response. Deep-Sea Res., 28, 1453-1475.

140. Denbo, D.W., 1983. On forced currents over a continental margin: Theory and analysis. Ph.D. Thesis, Oregon State University, Corvallis, Oregon.

141. Denbo, D.W. and J.S. Allen, 1983. Mean flow generation on a continental margin by periodic wind forcing. J. Phys. Oceanogr., 13, 78-92.

142. Denbo, D.W. and J.S. Allen, 1984. Rotary empirical orthogonal functional analysis of currents near the Oregon coast. J. Phys. Oceanogr., 14, 35-46.

143. Denbo, D.W., J.S. Allen, A. Huyer and R.L. Smith, 1983. Shelf currents off California and Oregon during April - August 1981. EOS (Abstract only), 64, 717.

144. Deschamps, P.Y., R. Frouin and L. Wald, 1981. Satellite determination of the mesoscale variability of the sea surface temperature. J. Phys. Oceanogr., 11, 864-870.

145. Deschamps, P.Y. and T. Phulpin, 1980. Atmospheric correction of infrared measurements of sea surface temperature using channels at 3, 7, 11, and 12 micrometers. Boundary-Layer Met., 18, 131-143.

146. de Szoeke, R.A., 1980. On the effects of horizontal variability of wind stress on the dynamics of the ocean mixed layer. J. Phys. Oceanogr., 10, 1439-1440.

147. de Szoeke, R.A., 1983. Baroclinic instability over wavy topography. J. Fluid Mech., 30, 279-298.

148. de Szoeke, R.A. and J.G. Richman, 1981. The role of wind-generated mixing in coastal upwelling. J. Phys. Oceanogr., 11, 1534-1547.

149. de Szoeke, R.A. and J.G. Richman, 1984. On wind-driven mixed layers with strong horizontal gradients -- A theory with application to coastal upwelling. J. Phys. Oceanogr., 14, 364-377.

150. Dickey, T.D. and J.C. Van Leer, 1984. Observations and simulations of a bottom Ekman layer on a continental shelf. J. Geophys. Res., 89, 1983-1988.

151. Dickson, R.R., 1983. Global summaries and intercomparisons -- Long-term current meter moorings. In: Eddies in Marine Science, A.R. Robinson (Editor), Springer-Verlag, New York, 278-353.

152. Dillon, T.M. and D.R. Caldwell, 1980. High-frequency internal waves at ocean station P. J. Geophys. Res., 85, 3277-3284.

153. Dorman, C.E., 1983. Kelvin waves in the west coast marine layer. EOS (Abstract only), 64, 718.

154. Dorman, C., 1984. California's Pt. Arena eddy: Remotely forced by a coastally trapped atmospheric wave. In preparation.

155. Dorman, C.E. and D.P. Palmer, 1981. Southern California summer coastal upwelling. In: Coastal Upwelling, F.A. Francis (Editor), American Geophysical Union, Washington, D.C.

156. Douglas, A.V., 1983. El Niño signature patterns in the North Pacific: Analysis of development in the 1982-83 event. EOS (Abstract only), 64, 725.

157. Dreves, D.A., 1980. Sea levels and metered currents off Central California. M.S. Thesis, Naval Postgraduate School, Monterey, California, 94 pp.

158. Durban, D.C., 1983. Analysis of observed and modeled mixed layers: NOCAL region. Master's Thesis, Naval Postgraduate School, Dept. of Oceanography, Monterey, California, 185 pp.

159. Elsberry, R.L., P.C. Gallacher and R.W. Garwood, 1979. One-dimensional model predictions of ocean temperature anomalies during Fall 1976. NPS Technical Report, NPS 63-79-003, Naval Postgraduate School, Monterey, California, 30 pp.

160. Elsberry, R.L. and R.W. Garwood, 1979. First-generation numerical ocean prediction models -- Goal for the 1980's. NPS Technical Report, NPS 63-79-007, Naval Postgraduate School, Monterey, California, 41 pp.

161. Elsberry, R.L. and R.W. Garwood, 1980. Numerical ocean prediction models -- Goal for 1980's. Bull. Am. Meteor. Soc., 61, 1556-1566.

162. Elsberry, R.L., R.L. Haney, R.T. Williams, R.S. Bogart, H.D. Hamilton and E.F. Hinson, 1982. Ocean/troposphere/stratosphere forecast systems: A state of the art review. Technical Report CR 82-04. Systems and Applied Sciences Corporation, Monterey, California, 79 pp.

163. Elsberry, R.L., S.A. Sandgathe and F.J. Winninghoff, 1984. Short-term oceanic response predicted by a mixed layer model with a sector atmospheric model. J. Phys. Oceanogr., 14, 79-91.

164. Emery, W., 1983. Global summary: Review of eddy phenomena as expressed in temperature measurements. In: Eddies in Marine Science, A.R. Robinson (Editor), Springer-Verlag, New York, 354-403.

165. Emery, W.J. and J.S. Dewar, 1982. Mean temperature-salinity, salinity-depth and temperature-depth curves for the North Atlantic and the North Pacific. Prog. Oceanogr., 11, 219-305.

166. Emery, W.J., C.C. Ebbesmeyer and J.P. Dugan, 1980. The fraction of vertical isotherm deflections associated with eddies: An estimate from multiship XBT surveys. J. Phys. Oceanogr., 10, 885-889.

167. Emery, W.J., W.G. Lee and L. Magaard, 1984. Geographical and seasonal distributions of Brunt-Vaisala frequency and Rossby radii in the North Pacific and North Atlantic. J. Phys. Oceanogr., 14, 294-317.

168. Emery, W.J. and L.A. Mysak, 1980. Dynamical interpretations of satellite-sensed thermal features off Vancouver Island. J. Phys. Oceanogr., 10, 961-970.

169. Endoh, M., C.N.K. Mooers and W.R. Johnson, 1981. A coastal upwelling circulation model with eddy viscosity depending on Richardson number. In: Coastal Upwelling, F.A. Richards (Editor), American Geophysical Union, 203-208.

170. Enfield, D.B., 1981. El Niño: Pacific eastern boundary response to interannual forcing. In: Resource Management and Environmental Uncertainty, M.H. Glantz and J.D. Thompson (Editors), Wiley and Son, New York, 213-254.

171. Enfield, D.B., 1981. Annual and non-seasonal variability of monthly low-level wind fields over the southeastern tropical Pacific. Mon. Wea. Rev., 109, 2177-2190.

172. Enfield, D.B., 1981. Thermally driven wind variability in the planetary boundary layer above Lima, Peru. J. Geophys. Res., 86, 2005-2016.

173. Enfield, D.B. and J.S. Allen, 1980. On the structure and dynamics of monthly mean sea level anomalies along the Pacific coast of North and South America. J. Phys. Oceanogr., 10, 557-578.

174. Enfield, D.B. and J.S. Allen, 1983. The generation and propagation of sea level variability along the Pacific coast of Mexico. J. Phys. Oceanogr., 13, 1012-1033.

175. EOS, 1983. California El- Niño of 1982-83. Fall AGU Meeting, San Francisco, California, December 6, 1983.

176. Eriksen, C.C., M.B. Blumenthal, S.P. Hayes and P. Ripa, 1983. Wind-generated equatorial Kelvin waves observed across the Pacific Ocean. J. Phys. Oceanogr., 13, 1622-1640.

177. Esbensen, S.K. and V. Kushnir, 1981. The heat budget of the global ocean: An atlas based on estimates from surface marine observations. Climatic Research Institute, Rep. No. 29, Oregon State University, Corvallis, Oregon, 27 pp.

178. Esbensen, S.K. and R.W. Reynolds, 1981. Estimating monthly averaged air-sea transfers of heat and momentum using the bulk aerodynamic method. J. Phys. Oceanogr., 11, 457-465.

179. Evans, D.L., 1982. Observations of small-scale shear and density structure in the ocean. Deep-Sea Res., 29, 581-595.

180. Faulkner, F.D., C. Comstock and R.K. Fossum, 1979. A use of time series in improving weather forecasting. NAVENVPREDRSCHFAC Contractor Report CR 79-07, Naval Environmental Prediction Research Facility, Monterey, California, 23 pp.

181. Fiedler, P.C., 1983. Satellite observations of 1982-1983 changes in the sea surface temperature field off the U.S. Pacific coast. EOS (Abstract only), 64, 725-726.

182. Fix, G.J., 1975. Finite element models for ocean circulation problems. SIAM J. App. Math., 29, 371-387.

183. Flament, P., L. Washburn and L. Armi, 1983. Towyo CTD observations of fronts during CODE using satellite IR images. EOS (Abstract only), 64, 718.

184. Flament, P., L. Washburn and L. Armi, 1983. Observations of the subsurface structure of an upwelling filament coordinated with a sequence of IR images. EOS (Abstract only), 64, 1059.

185. Fleischbein, J., W.E. Gilbert and A. Huyer, 1982. Hydrographic data from the first Coastal Ocean Dynamics Experiment: R/V Wecoma, Leg 4, 25 April - 7 May 1981. Oregon State University, School of Oceanography, Ref. 82-2, 149 pp.

186. Fleischbein, J., W.E. Gilbert, A. Huyer and R.L. Smith, 1982. CTD observations off Oregon and California: R/V Wecoma, W8112A-B, 4 - 16 December 1981. Oregon State University, School of Oceanography, Ref. 82-14, 80 pp.

187. Fleischbein, J., W.E. Gilbert, R. Schramm and A. Huyer, 1981. CTD observations off Oregon and California, 5 - 17 February 1981. Oregon State University, School of Oceanography, Data Report 90, Ref. 81-16, 122 pp.

188. Flierl, G.R., 1978. Models of vertical structure and calibration of two-layer models. Dyn. Atmos. Ocean., 2, 341-381.

189. Foo, E.C., 1981. A two-dimensional diabatic isopycnal model simulating the coastal upwelling front. J. Phys. Oceanogr., 11, 604-626.

190. Foo, E.C., C. Rooth and R. Bleck, 1981. A two-dimensional diabatic isopycnal model of a coastal upwelling front. In: Coastal Upwelling, F.A. Richards (Editor), Coastal and Estuarine Sciences 1, American Geophysical Union, 193-202.

191. Franke, R. and W.J. Gordon, 1983. The structure of optimum interpolation functions. NPS Technical Report, NPS-53-83-005, Naval Postgraduate School, Monterey, California, 23 pp.

192. Freeland, H.J. and K.L. Denman, 1982. A topographically controlled upwelling center off southern Vancouver Island. J. Mar. Res., 40, 1069-1093.

193. Freeland, H.J. and W.J. Gould, 1976. Objective analysis of mesoscale ocean circulation features. Deep-Sea Res., 23, 915-923.

194. Friehe, C.A., R.C. Beardsley, C.D. Winant and J.P. Dean, 1984. Intercomparison of aircraft and surface buoy meteorological data during CODE-1. Journal of Atmospheric and Oceanographic Technology, 1, 79-86.

195. Friehe, C.A. and J. Campbell, 1983. Wind structure off of the north California coast in CODE-1 and CODE-2. EOS (Abstract only), 64, 716-717.

196. Friehe, C.A. and C.D. Winant, 1982. Observations of wind and sea surface temperature structure off the Northern California coast. First International Conference on Meteorology and Air/Sea Interaction of the Coastal Zone, Amer. Met. Soc., The Hague, 209-214.

197. Fu, L.-L. and B. Holt, 1984. Internal waves in the Gulf of California: Observations from a spaceborne radar. J. Geophys. Res., 89, 2053-2060.

198. Gallegos-Garcia, A., W.J. Emery, R.O. Reid and L. Magaard, 1981. Frequency-wavenumber spectra of sea surface temperature and wind-stress curl in the eastern North Pacific. J. Phys. Oceanogr., 11, 1059-1077.

199. Gandin, L.S., 1965. Objective analysis of meteorological fields. (Translated from Russian.) Israel Program for Scientific Translations, Jerusalem, 242 pp.

200. Gandin, L.S., M.A. Alaka, S.A. Mashkovich and F. Lewis, 1967. Design of optimum networks for aerological observing stations. World Weather Watch Planning Report No. 21, World Meteorological Organization, Geneva, Switzerland, 58 pp.

201. Gardner, G.A., 1982. Biological and hydrographical evidence for Pacific equatorial water on the continental shelf north of Vancouver Island, British Columbia. Can. J. Fish. Sci., 39, 660-667.

202. Garvine, R.W., 1982. A steady state model for buoyant surface plume hydrodynamics in coastal waters. Tellus, 34. 293-306.

203. Garvine, R.W., 1984. Radial spreading of buoyant, surface plumes in coastal waters. J. Geophys. Res., 89, 1989-1996.

204. Garwood, R.W. and D. Adamec, 1982. Model simulations of seventeen years of mixed layer evolution at ocean station Papa. NPS Technical Report, NPS-68-82-006, NORDA, NSTL Station, Mississippi, 30 pp.

205. Garwood, R.W., Jr. and E. Firing, 1984. Vertical motion and turbulent dissipation. In preparation.

206. Garwood, R.W., Jr., P.C. Gallacher and P. Muller, 1984. Wind direction and equilibrium mixed layer depth: General theory. In preparation.

207. Garwood, R.W., Jr., P. Muller and P.C. Gallacher, 1984. Wind direction equilibrium mixed layer depth in the tropical Pacific Ocean. In preparation.

208. Ghil, M., M. Halem and R. Atlas, 1979. Time-continuous assimilation of remote-sounding data and its effect on weather forecasting. Mon. Wea. Rev., 107(2), 140-171.

209. Gilbert, W.E., J. Fleischbein, A. Huyer and R. Schramm, 1982. Hydrographic data from the first Coastal Ocean Dynamics Experiment: R/V Wecoma, Leg 5, 16 - 29 May 1981. Oregon State University, School of Oceanography, Ref. 82-5, 178 pp.

210. Gilbert, W.E., A. Huyer and R. Schramm, 1981. Hydrographic data from the first Coastal Ocean Dynamics Experiment: R/V Wecoma, Leg 2, 10 - 14 April 1981. Oregon State University, School of Oceanography, Ref. 81-12, 34 pp.

211. Gilbert, W.E., A. Huyer and R. Schramm, 1982. Hydrographic data from the first Coastal Dynamics Experiment: R/V Wecoma, Leg 10, 1 - 4 August 1981. Oregon State University, School of Oceanography, Ref. 82-9, 44 pp.

212. Gilchrist, A., 1982. JSC study conference on observing systems experiments, Exeter, 19 - 22 April 1982. Numerical Experimentation Programme, Report No. 4, Join Planning Staff for GARP and WCRP, 55 pp.

213. Gill, A.E., 1982. Atmosphere-Ocean Dynamics. Academic Press, 662 pp.

214. Gill, A.E., 1983. An estimation of sea-level and surface-current anomalies during the 1972 El Niño and consequent thermal effects. J. Phys. Oceanogr., 13, 586-606.

215. Gill, A.E. and E. Schumann, 1974. The generation of long shelf waves by the wind. J. Phys. Oceanogr., 4, 83-90.

216. Gleason, J.P., 1982. Single station assessments of the synoptic-scale forcing on the marine atmospheric boundary layer. M.S. Thesis, Naval Postgraduate School, Monterey, California, 57 pp.

217. Glenn, S.M., 1983. A continental shelf bottom boundary layer model: The effects of waves, currents, and moveable bed. Sc.D. Thesis, WHOI-MIT Joint Program in Oceanography and Ocean Engineering, WHOI-83-6, 237 pp.

218. Godshall, F.A. and R.G. Williams (Editors), 1981. A climatology and oceanographic analysis of the California Pacific outer continental shelf region. Edited version of Final Report to the Bureau of Land Management, U.S. Dept. of the Interior, AA551-IA9-2.

219. González, F.I., 1984. A case study of wave-current-bathymetry interactions at the Columbia River entrance. J. Phys. Oceanogr., 14, 1065-1078.

220. Grant, W.D., 1977. Bottom friction in the presence of a weak current: Its relationship to coastal sediment transport. Sc.D. Thesis, MIT, 275 pp.

221. Grant, W.D., 1982. The influence of internal waves on near bottom velocity profiles measured on the continental shelf: Stress and roughness estimates. EOS, 63, 987.

222. Grant, W.D. and S.M. Glenn, 1983. A continental shelf bottom boundary layer model, Vol. 1: Theoretical development. Technical Report to the American Gas Association, WHOI, 167 pp.

223. Grant, W.D. and O.S. Madsen, 1979. Combined wave and current interaction with a rough bottom. J. Geophys. Res., 84, 1799-1808.

224. Grant, W.D. and O.S. Madsen, 1982. Moveable bed roughness in unsteady oscillatory flow. J. Geophys. Res., 87, 469-481.

225. Grant, W.D., A.J. Williams III and S.M. Glenn, 1984. Bottom stress estimates and their prediction on the Northern California continental shelf during CODE-1: The importance of wave-current interaction. J. Phys. Oceanogr., 14, 506-527.

226. Grant, W.D., A.J. Williams, S.M. Glenn, D.A. Cacchione and D.A. Drake, 1983. High frequency bottom stress variability and its prediction in the CODE region. WHOI Technical Report 83-19, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts, 71 pp.

227. Griffiths, R.W. and E.J. Hopfinger, 1984. The structure of mesoscale turbulence and horizontal spreading at ocean fronts. Deep-Sea Res., 31, 245-269.

228. Gunn, J.T. and R.D. Muench, 1984. A strong current reversal event in Santa Barbara Channel: Spring 1983. EOS (Abstract only), 64, 1078.

229. Hagan, D.E., 1982. On surface circulation of the eastern North Pacific. Ph.D. Thesis, Texas A&M University, College Station, Texas, 281 pp.

230. Haidvogel, D.B., 1979. A discussion of certain modeling factors which influence the results of eddy-resolving ocean circulation studies. Dyn. Atmos. and Oceans, 3, 181-190.

231. Haidvogel, D.B., 1981. A four-dimensional primitive equation model for coupled coastal-deep ocean studies. WHOI Technical Report, WHOI-81-90, Woods Hole, Massachusetts, 28 pp.

232. Haidvogel, D.B., 1982. On the feasibility of particle tracking in Eulerian ocean models. Ocean Modelling, 45, 4-9.

233. Haidvogel, D.B., 1983. Periodic and regional models. In: Eddies in Marine Science, A.R. Robinson (Editor), Springer-Verlag, New York, 404-437.

234. Haidvogel, D.B., A.R. Robinson and C.G.H. Rooth, 1983. Eddy-induced dispersion and mixing. In: Eddies in Marine Science, A.R. Robinson (Editor), Springer-Verlag, 481-491.

235. Haidvogel, D.B., A.R. Robinson and E.E. Schulman, 1980. The accuracy, efficiency, and stability of three numerical models with application to open ocean problems. J. Comp. Phys., 34(1), 1-53.

236. Halliwell, G.R., Jr. and J.S. Allen, 1983. Large scale aspects of sea level fluctuations off the west coast of the United States during April - August 1981. EOS (Abstract only), 64, 717.

237. Halliwell, G.R., Jr. and J.S. Allen, 1983: CODE I: Large scale wind and sea level observations. CODE-I: Moored array and large scale data report, R.C. Beardsley and L.K. Rosenfeld (Editors), WHOI Tech. Rep. 82-83, 139-185.

238. Halliwell, G.R., Jr. and J.S. Allen, 1984. Large scale sea level response to atmospheric forcing along the west coast of North America. Submitted to: J. Phys. Oceanogr., 14, 864-886.

239. Halliwell, G.R., Jr. and J.S. Allen, 1984. Quality evaluation of measured and analyzed coastal winds along the west coast of North America, 26°N to 54°N. In preparation.

240. Hamilton, P. and M. Rattray, 1978. A numerical model of the depth-dependent, wind-driven upwelling circulation on a continental shelf. J. Phys. Oceanogr., 8, 437-457.

241. Han, Y.-J., 1975. Numerical simulation of mesoscale ocean eddies. Ph.D. Thesis, University of California, Los Angeles, California, 153 pp.

242. Haney, R.L., 1980. A numerical case study of the development of large-scale thermal anomalies in the central North Pacific ocean. J. Phys. Oceanogr., 10, 541-566.

243. Haney, R.L., 1982. A ten-year hindcast of the North Pacific Ocean circulation. JSC/CCCO Study Conference on Large-scale Oceanographic Experiments in the World Climate Research Program, Tokyo, 10-21 May, 1982.

244. Haney, R.L., 1983. A ten-year hindcast of large-scale sea surface temperature anomalies in the midlatitude North Pacific Ocean. XVIII General Assembly of IUGG, Hamburg, 15-27 August, 1983.

245. Haney, R.L., 1984. Comment on "Seasonality in the association between surface temperature over the United States and the North Pacific Ocean". Mon. Wea. Rev., 112, 868-870.

246. Haney, R.L. and N.D. Gural, 1983. A time series of model hindcast ocean currents. Time Series of Ocean Measurements, 1, 27-28.

247. Haney, R.L., B.H. Hautman and W.H. Little, 1983. The relationship between wind and sea surface temperature anomalies in the midlatitude North Pacific Ocean. Atmosphere-Ocean, 21, 168-186.

248. Haney, R.L., L. Magaard, W. Schneider and S. Tabata, 1984. Internal density fluctuations in the eastern midlatitude North Pacific Ocean related to El Niño. Submitted to: Science.

249. Haney, R.L. and M.A. Rennick, 1984. Unstable air-sea interactions in the equatorial region. Submitted to: Tropical Ocean-Atmosphere Newsletter.

250. Haney, R.L., M.S. Risch and G.C. Heise, 1981. Wind forcing due to synoptic storm activity over the North Pacific Ocean. Atmosphere-Ocean, 19 (2), 128-147.

251. Haney, R.L. and J.M. Wright, Jr., 1975. The relationship between the grid-size and the coefficient of nonlinear lateral eddy viscosity in numerical ocean circulation models. J. Comp. Phys., 19, 257-266.

252. Hanson, W.E., 1980. Nutrient study of mesoscale thermal features off Point Sur, California. Master's Thesis, Naval Postgraduate School, Monterey, California, 182 pp.

253. Harrison, D.E., W.J. Emery, J.P. Dugan and B.-C. Li, 1983. Mid-latitude mesoscale temperature variability in six multi-ship XBT surveys. J. Phys. Oceanogr., 13, 648-662.

254. Harrison, D.E. and A.R. Robinson, 1978. Energy analysis of open regions of turbulent flows -- mean eddy energetics of a numerical ocean circulation experiment. Dyn. Atmos. and Oceans, 2, 185-211.

255. Haury, L.R., 1984. An offshore eddy in the California Current system: Part IV: Plankton distributions. Prog. Oceanogr., 13, 95-111.

256. Heath, G.R., 1983. Oceanographic studies through December 1982 at Pacific study area W-N. Low Level Waste Ocean Disposal Program, Report OSU-19, School of Oceanography, Oregon State University, Corvallis, Oregon, 173 pp.

257. Heburn, G.W., 1977. An annotated bibliography for limited area modelling and open boundary conditions. Mesoscale Air-Sea Interaction Group, Florida State University, Tallahassee, Florida, 27 pp.

258. Heinmiller, R.H., 1983. Instruments and methods. In: Eddies in Marine Science, A.R. Robinson (Editor), Springer-Verlag, New York, 542-567.

259. Hellerman, S. and M. Rosenstein, 1983. Normal monthly wind stress over the world ocean with error estimates. J. Phys. Oceanogr., 13, 1093-1104.

260. Hickey, B.M., 1981. Alongshore coherence on the Pacific Northwest continental shelf (January - April, 1975). J. Phys. Oceanogr., 11, 822-835.

261. Hickey, B.M., 1982. Pollutant transport and sediment dispersal in the Washington-Oregon coastal zone. Report of Progress 1981-1982 to the Dept. of Energy, Rep. RL02225 TA25-49, U.S. Dept. of Energy, Washington, DC, 1982.

262. Hickey, B.M., 1982. The California Undercurrent and adjacent shelf currents during summer 1972. Submitted to: J. Mar. Res.

263. Hickey, B.M., 1984. The fluctuating longshore pressure gradient on the Pacific Northwest shelf: A dynamical analysis. J. Phys. Oceanogr., 14, 276-293.

264. Hickey, B.M., and P. Hamilton, 1980. A spin-up model as a diagnostic tool for interpretation of current and density measurements on the continental shelf of the Pacific Northwest. J. Phys. Oceanogr., 10, 12-24.

265. Hickey, B.M. and N. Pola, 1983. The seasonal alongshore pressure gradient on the west coast of the United States. J. Geophys. Res., 88, 7623-7633.

266. Holland, W.R., 1978. The role of mesoscale eddies in the general circulation of the ocean -- Numerical experiments using a wind-driven quasi-geostrophic model. J. Phys. Oceanogr., 8, 363-392.

267. Holland, W.R. and D.B. Haidvogel, 1981. On the vacillation of an unstable baroclinic wave field in an eddy-resolving model of the ocean general circulation. J. Phys. Oceanogr., 14, 557-568.

268. Holland, W.R., D.E. Harrison and A.J. Semtner, Jr., 1983. Eddy-resolving numerical models of large-scale ocean circulation. In: Eddies in Marine Science, A.R. Robinson (Editor), Springer-Verlag, New York, 379-403.

269. Holland, W.R. and P.B. Rhines, 1980. An example of eddy induced ocean circulation. J. Phys. Oceanogr., 10, 1010-1031.

270. Horne, E.P., M.J. Bowman and A. Okubo, 1978. Cross-frontal mixing and cabbeling. In: Oceanic fronts in coastal processes, M.J. Bowman and W.E. Esaias (Editors), Springer-Verlag, Berling, 105-113.

271. Hsieh, W.W., 1982. On the detection of continental shelf waves. J. Phys. Oceanogr., 12, 414-427.

272. Hsieh, W.W., 1982. Observations of continental shelf waves off Oregon and Washington. J. Phys. Oceanogr., 12, 887-896.

273. Hsieh, W.W., M.K. Davey and R.C. Wajsowicz, 1983. The free Kelvin wave in finite-difference models. J. Phys. Oceanogr., 13, 1383-1397.

274. Hsueh, Y. and B. Cushman-Roisin, 1982. On the formation of surface to bottom fronts over steep topography. J. Geophys. Res., 88, 743-750.

275. Hua, B.L. and F. Thomasset, 1983. A numerical study of the effect of coastline geometry on wind induced upwelling in the Gulf of Lions. J. Phys. Oceanogr., 13, 678-694.

276. Huang, J.C.K., 1979. Numerical case studies for oceanic thermal anomalies with a dynamical model. J. Geophys. Res., 84, 5717-5726.

277. Hughes, J.G., 1975. The spatial and temporal variation of sound speed in the California Current system. Master's Thesis, Naval Postgraduate School, Monterey, California, 108 pp.

278. Hughes, R.L., 1982. The energetics of merging anti-cyclonic eddies. Ocean Modelling, 42, 7.

279. Hurlburt, H.E. and J.D. Thompson, 1973. Coastal upwelling on a beta-plane. J. Phys. Oceanogr., 3, 16-32.

280. Hurlburt, H.E. and J.D. Thompson, 1980. A numerical study of loop current intrusions and eddy shedding. J. Phys. Oceanogr., 10, 1611-1651.

281. Husby, D.M. and C.S. Nelson, 1982. Turbulence and vertical stability in the California Current. CalCOFI Rep., 23, 113-129.

282. Huthnance, J.M., 1978. On coastal trapped waves: Analysis and numerical calculation by inverse methods. J. Phys. Oceanogr., 8, 74-92.

283. Huthnance, J.M., 1981. Waves and currents near the continental shelf edge. Prog. Oceanogr., 10, 193-226.

284. Huthnance, J.M., 1984. Slope currents and "JEBAR". J. Phys. Oceanogr., 14, 795-810.

285. Huyer, A., 1982. Hydrography in Code-2. Twenty-ninth Eastern Pacific Oceanic Conference (EPOC), Minutes of the 29th EPOC, Pacific Grove, California.

286. Huyer, A., 1983. Coastal upwelling in the California Current System. Prog. Oceanogr., 12, 259-284.

287. Huyer, A., 1983. T-S characteristics along the CODE central line. EOS (Abstract only), 64, 717.

288. Huyer, A., 1984. Hydrographic observations along the CODE central line off northern California, 1981. Submitted to: J. Phys. Oceanogr.

289. Huyer, A., R.L. Smith and B.M. Hickey, 1984. Observations of a warm-core eddy off Oregon, January to March 1978. Deep-Sea Res., 31, 97-117.

290. Ichije, T., 1972. A theory of coastal upwelling based on a two-layer ocean model and its application to the eastern Pacific Ocean. IV Congreso Nacional de Oceanografia, Memorias, Mexico, 13-36.

291. Ikeda, M., 1981. Meanders and detached eddies of a strong eastward-flowing jet using a two-layer quasi-geostrophic model. J. Phys. Oceanogr., 11, 526-540.

292. Ikeda, M., 1983. Linear instability of a current flowing along a bottom slope using a three-layer model. J. Phys. Oceanogr., 13, 208-223.

293. Ikeda, M. and J.R. Apel, 1981. Mesoscale eddies detached from spatially growing meanders in an eastward-flowing oceanic jet using a two-layer quasi-geostrophic model. J. Phys. Oceanogr., 11, 1638-1661.

294. Ikeda, M. and W.J. Emery, 1984. Satellite observations and modelling of meanders in the California Current System off Oregon and northern California. Submitted to: J. Phys. Oceanogr.

295. Ikeda, M. and W.J. Emery, 1984. A continental shelf upwelling event off Vancouver Island as revealed by satellite infrared imagery. J. Mar. Res., 42, 302-317.

296. Ikeda, M., W.J. Emery and L.A. Mysak, 1984. Seasonal variability in meanders of the California Current System off Vancouver Island. J. Geophys. Res., 89, 3487-3505.

297. Ikeda, M., L.A. Mysak and W.J. Emery, 1984. Observation and modeling of satellite-sensed meanders and eddies off Vancouver Island. J. Phys. Oceanogr., 14, 3-21.

298. James, I.D., 1981. Fronts and shelf-circulation models. Phil. Trans. Roy. Soc. London, 302A, 597-604.

299. Janowitz, G.S. and L.J. Pietrafesa, 1980. A model and observations of time-dependent upwelling over the mid-shelf and slope. J. Phys. Oceanogr., 10, 1574-1583.

300. Jones, B.H., K.H. Brink, R.C. Dugdale, D.W. Stuart, J.C. Van Leer, D. Blasco and J.C. Kelley, 1983. Observations of a persistent upwelling center off Point Conception, California. Coastal Upwelling: Pt. A, E. Suess and J. Thiede (Editors), Plenum, 37-60.

301. Johnson, B.H., 1980. VAHM -- A vertically averaged hydrodynamic model using boundary-fitted coordinates. MP HL-80-3, U.S. Army Engineers Waterways Experiment Station, Vicksburg, MS, 52 pp.

302. Johnson, B.H., 1982. Numerical modeling of estuarine hydrodynamics on a boundary fitted coordinate system. Numerical Grid Generation, J. Thompson (Editor), Elsevier, 409-436.

303. Johnson, D.R. and C.N.K. Mooers, 1981. Internal cross-shelf flow reversals during coastal upwelling. In: Coastal Upwelling, F.A. Richards (Editor), Coastal and Estuarine Sciences Vol. 1; published by the American Geophysical Union, Washington, D.C., 188-192.

304. Johnson, J.A., 1981. Weakly stratified shelf currents. In: Coastal Upwelling, F.A. Richards (Editor), Coastal and Estuarine Sciences Vol. 1; published by the American Geophysical Union, Washington, D.C., 183-187.

305. Johnson, J.E., 1980. Subsurface dynamical properties of variable features seen in satellite IR imagery off Pt. Sur and their acoustic significance. Master's Thesis, Naval Postgraduate School, Monterey, California, 239 pp.

306. Johnson, W.R., 1981. The propagation of inertial-internal waves in coastal upwelling regions. Ph.D. Thesis, University of Miami, Miami, Florida.

307. Kang, J.Q., 1980. Low-frequency temperature fluctuations in the upper 400 meters of the central North Pacific. Ph.D. Thesis, University of Hawaii, Honolulu, Hawaii, 131 pp.

308. Kang, Y.Q. and L. Magaard, 1979. Stable and unstable Rossby waves in the North Pacific Current as inferred from the mean stratification. Dyn. Atmos. Oceans, 3, 1-4.

309. Kang, Y.Q. and L. Magaard, 1980. Annual baroclinic Rossby waves in the central North Pacific. J. Phys. Oceanogr., 10, 1159-1167.

310. Kang, Y.Q., J.M Price and L. Magaard, 1982. On stable and unstable Rossby waves in non-zonal oceanic shear flow. J. Phys. Oceanogr., 12, 528-537.

311. Kelley, E.A., M.M. Rienecker and C.N.K. Mooers, 1984. CCS mean and mesoscale flow variability from the BETTIS current meter array. Submitted to: EOS (Abstract only).

312. Kelly, K.A., 1983. Coastal wind response of sea surface temperature. EOS (Abstract only), 64, 1093.

313. Kelly, K.A., 1983. Swirls and plumes, or application of statistical methods to satellite-derived sea surface temperatures. CODE Technical Report No. 18, SIO Reference No. 83-15, Scripps Institution of Oceanography, La Jolla, California.

314. Kemp, P.H. and R.R. Simons, 1982. The interaction between waves and a turbulent current: Waves propagating with the current. J. Fluid Mech., 116, 227-250.

315. Kenyon, K.E., 1983. Sections along 35°N in the Pacific. Deep-Sea Res., 30, 349-369.

316. Killworth, P.D., 1981. Eddy fluxes and mean flow tendencies in open-ocean baroclinic instability. Dyn. Atmos. Oceans, 5, 175-186.

317. Klein, P. and M. Coantic, 1981. A numerical study of turbulent processes in the marine upper layers. J. Phys. Oceanogr., 11, 849-863.

318. Koblinsky, C.J., J.J. Simpson and T.D. Dickey, 1984. An offshore eddy in the California Current System: Part II: Surface manifestation. Prog. Oceanogr., 13, 51-69.

319. Kundu, P.K., 1980. A numerical investigation of mixed-layer dynamics. J. Phys. Oceanogr., 10, 220-236.

320. Kundu, P.K., 1983. Coastal inertial oscillations due to random wind. EOS (Abstract only), 64, 1093.

321. Kundu, P.K., 1984. Numerical calculations of coastal flow with turbulent dynamics. Deep-Sea Res., 30, 39-60.

322. Kundu, P.K., S.-Y. Chao and J.P. McCreary, 1983. Transient coastal currents and inertio-gravity waves. Deep-Sea Res., 30, 1059-1082.

323. Large, W.G. and S. Pond, 1981. Open ocean momentum flux measurements in moderate to strong winds. J. Phys. Oceanogr., 11, 324-336.

324. Leetmaa, A., 1983. The role of local heating in producing temperature variations in the offshore waters of the eastern tropical Pacific. J. Phys. Oceanogr., 13, 467-473.

325. Le Groupe Tourbillon, 1983. The Tourbillon experiment: A study of a mesoscale eddy in the eastern North Atlantic. Deep-Sea Res., 30A, 475-512.

326. Levine, M.D., R.A. de Szoeke and P.P. Niiler, 1983. Internal waves in the upper ocean during MILE. J. Phys. Oceanogr., 13, 240-257.

327. Levine, E.R. and W.B. White, 1981. Large-scale synoptic thermal fronts in the mid-latitude North Pacific from 1976 - 1978. J. Geophys. Res., 86, 6567-6579.

328. Levine, E.R. and W.B. White, 1983. Bathymetric influences upon the character of North Pacific fronts, 1976-1980. J. Geophys. Res., 88, 9617-9625.

329. Lewis, J.K. and R.O. Reid, 1983. An analytical, two-layer model of the response of coastal waters to local wind forcing. EOS (Abstract only), 64, 1093.

330. Lewis, J.K., R.E. Whitaker and W. Merrell, 1982. The effects of a stretched-grid coordinate system on long wave dispersion and energy characteristics. J. Geophys. Res., 87, 4265-4266.

331. Linder, D. and L.C. Breaker, 1983. Warm sea-surface temperatures along the California coast. Coastal Oceanography and Climatology News, 5, 31-32.

332. Lueck, R.G., W.R. Crawford and T.R. Osborn, 1983. Turbulent dissipation over the continental slope off Vancouver Island. J. Phys. Oceanogr., 13(10), 1809-1818.

333. Lundell, G., 1981. Rapid oceanographic data gathering: Some problems in using remote sensing to determine the horizontal and vertical thermal distributions in the northeast Pacific Ocean. M.S. Thesis. Naval Postgraduate School, Monterey, California, 188 pp.

334. Lynn, R.J., 1983. Anomalies in the California Current during the 1982 - 1983 El Niño. EOS (Abstract only). 64, 725.

335. Lynn, R.L., K.A. Bliss and L.E. Eber, 1982. Vertical and horizontal distributions of seasonal mean temperatures, salinity, sigma-t, stability, dynamic height, oxygen and oxygen saturation in the California Current, 1950-1978. CalCOFI Atlas No. 30, Marine Life Research Program, Scripps Institution of Oceanography, La Jolla, California.

336. Magaard, L., 1983. On the potential energy of baroclinic Rossby waves in the North Pacific. J. Phys. Oceanogr., 13, 38-42.

337. Magaard, L., P. Muller and R. Pujalet, (Editors), 1983. Eddies in the general ocean circulation. 'Aha Huliko'a Proceedings. Hawaii Institute of Geophysics Special Publication, Honolulu, Hawaii, 359 pp.

338. Maresca, J.W., C.T. Carlson and R.R. Padden, 1981. HF radar measurements of the near-surface current in support of the June 1980, Point Sur, cold wedge cruise pilot study. SRI Final Report, SRI International, 88 pp.

339. Marsh, J.G., R.E. Cheney, T.V. Martin and J.J. McCarthy, 1982. Computation of a precise mean sea surface in the eastern north Pacific using SEASAT altimetry. EOS (Abstract only), 63, 178-179.

340. Matsuura, T. and T. Yamagata, 1982. On the evolution of nonlinear planetary eddies larger than the radius of deformation. J. Phys. Oceanogr., 12, 440-456.

341. McClain, E.P., W.G. Pichel, C.C. Walton, Z. Ahmad and J. Sutton, 1983. Multi-channel improvements to satellite-derived global sea surface temperatures. Adv. Space Rev., 2, 43-47.

342. McCreary, J.P., Jr., 1980. Modelling wind-driven ocean circulation. Hawaii Institute of Geophysics, University of Hawaii, HIG-80-3, Honolulu, Hawaii, 64 pp.

343. McCreary, J.P., 1981. A linear stratified ocean model of the coastal undercurrents. Phil. Trans. Roy. Soc. London, A302, 385-413.

344. McEwan, A.D., R.O.R.Y. Thompson and R.A. Plumb, 1980. Mean flows driven by weak eddies in rotating systems. J. Fluid Mech., 99, 655-672.

345. McLain, D.R., 1983. Coastal warming in the northeastern Pacific, 1976 - 1983. EOS (Abstract only), 64, 726.

346. McLain, D.R. and W.J. Ingraham, 1980. Marine environmental conditions in the eastern Pacific Ocean, January 1978 - March 1979. In: Marine environmental conditions off the coasts of the United States, January 1978 - March 1979. NOAA Tech. Memo, NMFS-OF-5, U.S. Dept. Commerce, Washington, D.C., 130 pp.

347. McLain, D.R. and D.H. Thomas, 1983. Year-to-year fluctuations of the California undercurrent and effects on marine organisms. CalCOFI Rep. 24, 165-181.

348. McNally, G.J., Jr., 1981. Satellite-tracked drift buoy observations of the near-surface flow in the eastern mid-latitude North Pacific. J. Geophys. Res., 86, 8022-8030.

349. McNally, G.J., Jr., W.C. Patzert, A.D. Kirwan, Jr. and A.C. Vastano, 1983. The near-surface circulation in the North Pacific using satellite-tracked drifting buoys. J. Geophys. Res., 88, 7507-7518.

350. McWilliams, J.C. and G. Flierl, 1976. Optimal, quasigeostrophic wave analyses of MODE array data. Deep-Sea Res., 23, 285-300.

351. McWilliams, J.C. and C.Y. Shen, 1980. Mesoscale modal coupling. J. Phys. Oceanogr., 10, 741-752.

352. Mellor, G.L., 1983. The coastal ocean, upwelling boundary layer. EOS (Abstract only), 64, 726.

353. Mellor, G.L., 1984. The coastal upwelling boundary region. In preparation.

354. Mellor, G.L. and T. Yamada, 1982. Development of a turbulence closure model for geophysical fluid problems. Rev. Geophys. Space Physics, 20, 851-875.

355. Miller, J.R., 1981. Variations in upper ocean heat storage determined from satellite data. Remote Sensing of the Environment, 11, 473-482.

356. Miller, M.J. and A.J. Thorpe, 1981. Radiation conditions for the lateral boundaries of limited area numerical models. Quart. J. Roy. Met. Soc., 107, 615-628.

357. Miller, R.N. and A.R. Robinson, 1983. Baroclinic dynamical forecast experiments with simulated data. EOS (Abstract only), 64, 1019.

358. Miller, R.N., A.R. Robinson and D.B. Haidvogel, 1983. A baroclinic quasigeostrophic open ocean model. J. Comp. Phys., 50(1), 38-70.

359. Mills, C.A. and R.C. Beardsley, 1983. CODE-1: Coastal and moored meteorological observations. In: CODE-1 Moored Data Report, L.K. Rosenfeld (Editor), Woods Hole Oceanographic Institution Technical Report. In press.

360. Mitchell, J.L., 1983. A position paper: Mesoscale oceanography from GEOSTAT. NORDA Technical Note 226, NORDA, NSTL, Mississippi, 23 pp.

361. Mitchum, G.T. and A.J. Clarke, 1983. Forced shelf circulation: An analytic barotropic model with realistic friction. EOS (Abstract only), 64, 717-718.

362. Miura, H. and N. Suginohara, 1980. Effects of bottom topography and density stratification on the formation of western boundary currents, Part I: Wind-driven general circulation model. J. Oceanogr. Soc. Japan, 35, 215-223.

363. MODE-1 Atlas Group, 1977. Atlas of the Mid-Ocean Dynamics Experiment (MODE-1). M.I.T., Cambridge, Massachusetts.

364. MODE-1 Dynamics Group, 1975. Dynamics and the analysis of MODE-1. M.I.T., Cambridge, Massachusetts.

365. Mooers, C.N.K., L.C. Breaker, B. Hunter and R. Koob, 1982. Oceanographic data acquired in support of the June 1980 study of the upwelling center off Pt. Sur, California. Naval Postgraduate School Data Report, Monterey, California, 145 pp.

366. Mooers, C.N.K. and R.H.J. Grimshaw, 1984. Report of the U.S./Australian wind-driven transient shelf circulation workshop. NPS Technical Report, NPS-68-84-011, Naval Postgraduate School, Monterey, California, 133 pp.

367. Mooers, C.N.K., S.A. Piacsek and A.R. Robinson, 1982. Ocean prediction: The scientific basis and the Navy's needs. Proceedings of the Ocean Prediction Workshop, Monterey, California, 319 pp.

368. Mooers, C.N.K., M.M. Rienecker, A.R. Robinson, A.A. Bird and E.A. Kelley, 1984. Physics of the CCS mesoscale variability during OPTOMA 11. Submitted to: EOS (Abstract only).

369. Mooers, C.N.K., M.M. Rienecker, A.R. Robinson, J.A. Smith and E.F. Carter, 1984. Statistical models for mesoscale variability in the California Current system. EOS (Abstract only), 65, 229.

370. Mooers, C.N.K., M.M. Rienecker, A.R. Robinson, J.A. Smith, E.F. Carter, D.A. Hagan, 1983. Synoptic/mesoscale variability off northern California in early summer 1983. EOS (Abstract only), 64, 727.

371. Mooers, C.N.K., M.M. Rienecker, J.A. Smith, A.R. Robinson, E.F. Carter and J.A. Carton, 1983. Eddies, fronts and jets in the California Current System. EOS (Abstract only), 64, 1077.

372. Mooers, C.N.K. and A.R. Robinson, 1984. Turbulent jets and eddies in the California Current and inferred cross-shore transfers. Science, 223, 51-53.

373. Muller, P. and C. Frankignoul, 1981. Direct atmospheric forcing of geostrophic eddies. J. Phys. Oceanogr., 11, 287-308.

374. Muller, P., R.W. Garwood, Jr. and J.P. Garner, 1984. Effect of vertical advection on the dynamics of the oceanic surface mixed layer. Annales Geophys.. In press.

375. Murdoch, W.W., B.J. Mechalas and R.C. Fay, 1980. Spatial coherence of SONGS 1978 - 1979 nearshore winter data for temperature and currents. Rep. 80-01, Marine Review Committee, Solana Beach, California, 70 pp.

376. Mysak, L.A., 1980. Recent advances in shelf wave dynamics. Rev. Geophys. Space Phys., 18, 211-241.

377. Mysak, L.A., 1983. Generation of annual Rossby waves in the North Pacific. J. Phys. Oceanogr., 13, 1908-1923.

378. Mysak, L.A., 1983. The Southern Oscillations, wave signals, and fish populations in the northeast Pacific. EOS (Abstract only), 64, 725.

379. Mysak, L.A., W.A. Hsieh and T.R. Parsons, 1982. On the relationship between interannual baroclinic waves and fish populations in the northeast Pacific. Biol. Oceanogr., 2(1), 63-103.

380. Mysak, L.A., E.R. Johnson and W.W. Hsieh, 1981. Baroclinic and barotropic instabilities of coastal currents. J. Phys. Oceanogr., 11, 209-230.

381. Mysak, L.A. and L. Magaard, 1983. Rossby wave driven Eulerian mean flows along non-zonal barriers, with application to the Hawaiian Ridge. J. Phys. Oceanogr., 13, 1716-1725.

382. Nelepo, B.A., Yu. M. Kuftarkov and V.K. Kosnyrev, 1978. Effects of mesoscale eddies on ocean surface temperature. Izvestiya Amospheric and Oceanic Physics, 14, 545-550.

383. Nelson, C.S. and D.M. Husby, 1983. Climatology of surface heat fluxes over the California Current Region. NOAA Tech. Rep. NMFS SSRF-763, National Oceanic and Atmospheric Administration, Washington, D.C., 156 pp.

384. Newberger, P., 1982. Physical oceanography and meteorology of the California outer continental shelf. POCS Tech. Paper No. 82-2, Minerals Management Service, Pacific OCS Region, Los Angeles, California.

385. Nicholls, S. and C.J. Readings, 1979. Aircraft observations of the structure of the lower boundary layer over the sea. Quart. J. Roy. Met. Soc., 105, 785-802.

386. Niiler, P.P. and R.W. Reynolds, 1984. The three-dimensional circulation near the eastern North Pacific subtropical front. J. Physical Oceanogr., 14, 217-230.

387. Njoku, E., 1984. Satellite-derived sea surface temperature: Workshop-II, June 22 - 24 1983. JPL Publication 84-5, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, 76 pp.

388. Nof, D., 1984. On the interaction between thin isolated eddies and longshore currents. J. Phys. Oceanogr., 14, 125-137.

389. O'Donnell, J. and R.W. Garvine, 1983. A time dependent, two-layer frontal model of buoyant plume dynamics. Tellus, 35A, 73-80.

390. Olivera, R.M., 1983. A complex distribution of water masses and related circulation off northern California. Master's Thesis, Oregon State University, Dept. of Oceanography, Corvallis, Oregon, 53 pp.

391. Olivera, M., W.E. Gilbert, J. Fleischbein, A. Huyer and R. Schramm, 1982. Hydrographic data from the first coastal Ocean Dynamics Experiment: R/V/ Wecoma, Leg 7, 1 - 14 July 1981. Oregon State University, School of Oceanography, Ref. 82-8, 170 pp.

392. Orlanski, I., 1976. A simple boundary condition for unbounded hyperbolic flows. J. Comp. Phys., 21, 251-269.

393. Osborn, T.R., 1980. Estimates of the local rate of vertical diffusion from dissipation measurements. J. Phys. Oceanogr., 11, 1443-1451.

394. Ou, H.W., 1983. Some two-layer models of the shelf-slope front: Geostrophic adjustment and its maintenance. J. Phys. Oceanogr., 13, 1798-1808.

395. Ou, H.W., 1984. Wind-driven motion near a shelf-slope front. J. Phys. Oceanogr., 14, 985-993.

396. Ou, H.W., 1984. Geostrophic adjustment: A mechanism for frontogenesis. J. Phys. Oceanogr., 14, 994-1000.

397. Ou, H.W. and R.C. Beardsley, 1980. On the propagation of free topographic Rossby waves near continental margins. J. Phys. Oceanogr., 10, 1323-1339.

398. Overland, J.E. and J. Gray, 1984. Mesoscale variability in marine winds at mid-latitude. EOS (Abstract only), 65, 220.

399. Owen, R.W., 1980. Eddies of the California Current System: Physical and ecological characteristics. The California Islands: Proceedings of a Multidisciplinary Symposium, D. Power (Editor), Santa Barbara Museum of Natural History, Santa Barbara, California, 787 pp.

400. Owens, W.B. and F.P. Bretherton, 1978. A numerical study of mid-ocean mesoscale eddies. Deep-Sea Res., 25, 1-14.

401. Paluszkiewicz, T., L.P. Atkinson, B. Jones and D. Stuart, 1983. Hydrographic observations during OPUS II: May - April 1983. EOS (Abstract only), 64, 717.

402. Partridge, R.M. and J.J. Shimkus, 1984. Tactical deployment of satellite-reporting drifting data buoys for environmental data acquisition. NOAA Data Buoy Center, National Space Technology Laboratories, NSTL, Mississippi, 15 pp.

403. Pedlosky, J., 1983. Eastern boundary ventilation and the structure of the thermocline. J. Phys. Oceanogr., 13, 2038-2044.

404. Pedlosky, J., 1984. Cross-gyre ventilation of the subtropical gyre: An internal mode in the ventilated thermocline. J. Phys. Oceanogr., 14. In press.

405. Pedlosky, J., W. Smith and J.R. Luyten, 1984. On the dynamics of the coupled mixed layer-thermocline system and the determination of the oceanic surface density. J. Phys. Oceanogr.. In press.

406. Petrie, B.D., 1983. Current response at the shelf break to transient wind forcing. J. Geophys. Res., 88, 9567-9578.

407. Philander, S.G.H. and R.C. Pacanowski, 1981. The oceanic response to cross-equatorial winds (with application to coastal upwelling in low latitudes). Tellus, 33, 201-240.

408. Philander, S.G.H. and J.-H. Yoon, 1982. Eastern boundary currents and coastal upwelling. J. Phys. Oceanogr., 12, 862-879.

409. Pillsbury, R.D., J. Bottero, G. Pittock, D.C. Root, J. Simpkins III and G.R. Heath, 1983. Data report for current meters on moorings CMMW - 5, 6, 7, 8 and 9, 1981-82; Pacific study area W-N. Low Level Waste Ocean Disposal Program, Report OSU-20. School of Oceanography, Oregon State University, Corvallis, Oregon, 313 pp.

410. Pinardi, N., 1984. A self-consistent energy and vorticity analysis in the California Current mesoscale field. Submitted to: EOS (Abstract only).

411. Pinardi, N. and A.R. Robinson, 1984. A consistent quasigeostrophic energy analysis for open region flows. In preparation.

412. Pinardi, N., A.R. Robinson and E.F. Carter, 1983. Dynamics of the Polymode region: Energy and vorticity balances. EOS (Abstract only), 64, 1018.

413. Piola, A.R. and A.L. Gordon, 1984. Pacific and Indian Ocean upper-layer salinity budget. J. Phys. Oceanogr., 14, 747-753.

414. Pittock, H.L., W.E. Gilbert, A. Huyer and R.L. Smith, 1982. Observations of sea level, wind and atmospheric pressure at Newport, Oregon, 1967-1980. School of Oceanography, Oregon State University, Ref. 82-12, 153 pp. Also published as: NSF Data Rep. 98, 158 pp.

415. Powell, J.W., D.G. Browning and R.K. Chow, 1983. A simple oceanographic model of the northeast Pacific ocean for the prediction of acoustic propagation conditions. EOS (Abstract only), 64, 1027-1028.

416. Preisendorfer, R.W., 1980. Principal components and the motion of simple dynamic systems. SIO Reference series 81-4, Scripps Institution of Oceanography, La Jolla, California.

417. Preisendorfer, R.W., 1981. Principal component analysis and applications. American Meteorological Society Workshop on Principal Component Analysis, Monterey, California.

418. Price, J.M., 1981. Baroclinic Rossby waves in the central and eastern Pacific. Ph.D. Thesis, University of Hawaii, Honolulu, Hawaii, 226 pp.

419. Price, J.M., 1981. Monthly mean sea level fluctuations at Honolulu and San Francisco and the intervening geostrophic currents. J. Phys. Oceanogr., 11, 1375-1382.

420. Price, J.M., 1984. Comments on "A narrow boundary current along the eastern side of the Hawaiian Ridge; The North Hawaiian Ridge Current". J. Phys. Oceanogr., 14, 983.

421. Price, J.M. and L. Magaard, 1980. Rossby wave analysis of the baroclinic potential energy in the upper 500 meters of the North Pacific. J. Mar. Res., 38, 249-264.

422. Price, J.M. and L. Magaard, 1983. Rossby wave analysis of subsurface temperature fluctuations along the Honolulu-San Francisco great circle. J. Phys. Oceanogr., 13, 258-268.

423. Pullen, P.E., R.K. Reed and G.A. Cannon, 1983. Sea level anomalies in the N.E. Pacific following the 1982 El Niño event. EOS (Abstract only), 64, 726.

424. Rattray, M., Jr., 1982. A simple exact treatment of the baroclinicity-bathymetry interaction in a frictional, iterative, diagnostic ocean model. J. Phys. Oceanogr., 12, 997-1003.

425. Reed, R.K., 1983. Anomalous conditions in the Northeast Pacific after the 1983 El Niño. EOS (Abstract only), 64, 1046.

426. Reed, R.K. and J.D. Schumacher, 1984. Additional current measurements in the Alaskan Stream near Kodiak Island. J. Phys. Oceanogr., 14. In press.

427. Reed, R.K., 1983. Heat fluxes over the eastern tropical Pacific and aspects of the 1972 El Niño. J. Geophys. Res., 88, 9627-9638.

428. Richards, K.J., 1984. The interaction between the bottom mixed layer and mesoscale motions of the ocean: A numerical study. J. Phys. Oceanogr., 14, 754-768.

429. Rienecker, M.M., C.N.K. Mooers, M.C. Colton and P.A. Wittman, 1984. Hydrographic from the OPTOMA Program OPTOMA 1, 8 - 13 March 1982. NPS Technical Report, NPS 68-84-005, Naval Postgraduate School, Monterey, California, 31 pp.

430. Rienecker, M.M., C.N.K. Mooers, M.C. Colton and P.A. Wittman, 1984. Hydrographic data from the OPTOMA Program, OPTOMA 2, Legs I and II, 31 July - 14 August 1982, NPS Technical Report, NPS 68-84-002, Naval Postgraduate School, Monterey, California, 65 pp.

431. Rienecker, M.M., C.N.K. Mooers and Y. Feliks, 1984. Dynamical forecasts/hindcasts for OPTOMA 11. Submitted to: EOS (Abstract only).

432. Rienecker, M.M., C.N.K. Mooers, D.A. Hagan and A.R. Robinson, 1983. Investigation, using IR imagery and in situ data, of smaller mesoscale features off northern California. EOS (Abstract only), 64, 727.

433. Rienecker, M.M., C.N.K. Mooers, D.E. Hagan and A.R. Robinson, 1984. A cool anomaly off northern California: An investigation using IR imagery and in situ data. Submitted to: J. Geophys. Res.

434. Robinson, A.R., 1982. Dynamics of ocean currents and circulation. Results of POLYMODE and related investigations. Topics in Ocean Physics, 80, Bologna, Italy. Also available as: POLYMODE (MODE) Tech. Rep. 35-7, 1980.

435. Robinson, A.R., 1983. Description and prediction of oceanic fields: Data assimilation and optimal estimation. In: WCRP Publication Series, No. 1: Large-scale oceanographic experiments in the WCRP; Vol. II, Report of the JSC/CCCO Study Conference in Tokyo, 10 - 22 May 1982, WCPP Publication Series No. 2, 357-387.

436. Robinson, A.R., 1983. Overview and summary of eddy science. In: Eddies and Marine Science, A.R. Robinson (Editor), Springer-Verlag, New York, 1-15.

437. Robinson, A.R., 1983. Overview of the Polymode Synoptic Dynamics Experiment. EOS (Abstract only), 64, 1018.

438. Robinson, A.R., 1984. Simulations and design of OPTOMA 11 and the modular concept of real-time data assimilation. Submitted to: EOS (Abstract only).

439. Robinson, A.R., E.F. Carter, J.A. Carton, W.G. Leslie, N. Pinardi and L.J. Walstead, 1984. OPTOMA 11: A modular implementation of the descriptive-predictive system: Scientific objectives, simulations and experimental design. Center for Earth and Planetary Physics, Harvard University, Cambridge, Massachusetts. In preparation.

440. Robinson, A.R., J.A. Carton, C.N.K. Mooers, L.J. Walstead, E.F. Carter, M.M. Rienecker, J.A. Smith and W.G. Leslie, 1984. A real time dynamical forecast of ocean synoptic/mesoscale eddies. Nature, 309, 781-783.

441. Robinson, A.R., J.A. Carton, L.J. Walstead, W.G. Leslie, C.N.K. Mooers, J. Smith and M. Rienecker, 1983. Quasigeostrophic forecasting in the California Current. EOS, (Abstract only), 64, 726.

442. Robinson, A.R. and D.B. Haidvogel, 1980. Dynamical forecast experiments with a barotropic open ocean model. J. Phys. Oceanogr., 10(12), 1909-1928.

443. Robinson, A.R. and J.W. Leslie, 1984. Estimation and prediction of oceanic eddy fields. Submitted to: Prog. Oceanogr.

444. Robinson, A.R. and K. Tu, 1981. A combined statistical/dynamical approach to regional forecast modelling of open ocean currents. In: Ocean Prediction: The Scientific Basis and the Navy's Needs. Proceedings of the Ocean Prediction Workshop, Monterey, California.

445. Roden, G.I., 1981. Mesoscale thermohaline, sound velocity and baroclinic flow structure of the Pacific subtropical front during the winter of 1980. J. Phys. Oceanogr., 11, 658-675.

446. Roemmich, D., 1984. Optimal estimation of hydrographic station data and derived fields. J. Phys. Oceanogr., 13, 1544-1549.

447. Romea, R.D., 1982. On coastal-trapped waves at low latitudes in a stratified ocean. Ph.D. Thesis, Oregon State University, Corvallis, Oregon, 253 pp.

448. Romea, R.D. and J.S. Allen, 1983. On vertically propagating coastal Kelvin waves at low latitudes. J. Phys. Oceanogr., 13, 1241-1254.

449. Romea, R.D. and J.S. Allen, 1983. Solitary coastal Kelvin waves in a continuously stratified ocean. EOS (Abstract only), 64, 1101.

450. Rosenfeld, L.K., D.C. Chapman and R.C. Beardsley, 1983. Seasonal characteristics of the mean and low-frequency during CODE. EOS (Abstract only), 64, 717.

451. Rosmond, T.E., 1981. NOGAPS: Navy Operational Global Atmospheric Prediction System. Preprint volume, Fifth Conference on Numerical Weather Prediction, Monterey, California. American Meteorological Society, Boston, Massachusetts, 74-79.

452. Rosmond, T.E., A.I. Weinstein and S.A. Piacsek, 1983. Coupled ocean-atmospheric modeling for 3 - 15 day numerical prediction: A workshop report. NAVENVPREDRSCHFAC Technical Report TR 83-05, Naval Environmental Prediction Research Facility, Monterey, California.

453. Rowe, G.T., 1981. The benthic processes of coastal upwelling ecosystems. In: Coastal Upwelling, F.A. Richards (Editor), American Geophysical Union, Washington, DC, 464-472.

454. Rubenstein, D., F. Newman and W. Grabowski, 1983. A statistical model of vertical shear from moored current meters. J. Phys. Oceanogr., 13, 966-971.

455. Saur, J.F.T, 1980. Surface salinity and temperature on the San Francisco-Honolulu route, June 1966 - December 1979 and January 1972 - December 1975. J. Phys. Oceanogr., 10, 1669-1680.

456. Schmitz, W.J., Jr., W.R. Holland and J.F. Price, 1983. Mid-latitude mesoscale variability. Rev. Geophys. Space Phys., 21, 1109-1119.

457. Schopf, P.S. and M.A. Cane, 1983. On equatorial dynamics, mixed layer physics and sea surface temperature. J. Phys. Oceanogr., 13, 917-935.

458. Scripps Institution of Oceanography, 1981. Surface water temperatures at shore stations; United States West coast. SIO Ref. 81-30, University of California, Scripps Institution of Oceanography, La Jolla, California, 45 pp.

459. Shaw, P.-T., 1982. The dynamics of mean circulation on the continental shelf. Ph.D. Thesis. MIT-WHOI Joint Program, WHOI-82-1, 226 pp.

460. Shaw, P.-T. and G.T. Csanady, 1983. Self-advection of density perturbations on a sloping continental shelf. J. Phys. Oceanogr., 13, 769-782.

461. Shen, C. and J.C. McWilliams, 1978. Optimal arrays for estimating potential derivatives and non-linear terms in a potential vorticity balance. University of Washington, Dept. of Oceanography Special Report No. 85, Ref. M78-36, 46 pp.

462. Sheres, D., K.E. Kenyon and R.C. Beardsley, 1984. Large horizontal surface velocity shears in the ocean obtained from images of refracting swell and in situ moored current data. Submitted to: J. Geophys. Res.

463. Sheres, D., K.E. Kenyon and R.L. Bernstein, 1983. Strong surface shear of the N. California coast (CODE area), detected and measured by high altitude wave imagery. EOS (Abstract only), 64, 718.

464. Simons, T.J., 1983. Resonant topographic response of nearshore currents to wind forcing. J. Phys. Oceanogr., 13, 512-523.

465. Simpson, J.J., 1982. Offshore mesoscale eddies in the California Current System; Historical evidence. EOS, 63, 1004.

466. Simpson, J.J., 1983. Large-scale thermal anomalies in the California Current during the 1982-1983 El Niño. EOS (Abstract only), 64, 725.

467. Simpson, J.J., 1984. An offshore eddy in the California Current System: Part III: Chemical structure. Prog. Oceanogr., 13, 71-93.

468. Simpson, J.J. and T.D. Dickey, 1981. The relationship between downward irradiance and upper ocean structure. J. Phys. Oceanogr., 11, 309-323.

469. Simpson, J.J., T.D. Dickey and C.J. Koblinsky, 1984. An offshore eddy in the California Current System; Part I: Interior dynamics. Prog. Oceanogr., 13, 5-49.

470. Simpson, J.J., C.J. Koblinsky, L.R. Haury and T.D. Dickey, 1984. An offshore eddy in the California Current system: Preface. Prog. Oceanogr., 13 (1), 1-4.

471. Smith, D.C., IV and J.J. O'Brien, 1983. The interaction of a two-layer isolated mesoscale eddy with bottom topography. J. Phys. Oceanogr., 13, 1681-1697.

472. Smith, J.A., 1983. QG streamfunction from mixed CTD/XBT surveys. EOS (Abstract only), 64, 1101.

473. Smith, J.A., 1984. Empirical and dynamical modes in the CCS. NPS Technical Report, NPS 68-84-003, Naval Postgraduate School, Monterey, California, 37 pp.

474. Smith, J.D. and S.R. McLean, 1977. Spatially averaged flow over a wavy boundary. J. Geophys. Res., 82, 1735-1746.

475. Smith, P.C., 1983. Eddies and coastal interactions. In: Eddies in Marine Science, A.R. Robinson (Editor), Springer-Verlag, New York, 446-480.

476. Smith, R.L., 1981. A comparison of the structure and variability of the flow field in the three coastal upwelling regions: Oregon, Northwest Africa and Peru. In: Coastal Upwelling, F.A. Richards (Editor), American Geophysical Union, Washington, D.C., 107-118.

477. Smith, R.L. and A.J. Huyer, 1983. Advection along the west coasts of the Americas during El Niño. EOS (Abstract only), 64, 1045.

478. Smith, R.L., C.N.K. Mooers and D.B. Enfield, 1971. Mesoscale studies of the physical oceanography in two coastal upwelling regions: Oregon and Peru. In: Fertility of the Sea, Vol. 2, J.D. Costlow (Editor), Gordon and Breach Science Publishers, New York.

479. Spaulding, M.L., 1984. A vertically averaged circulation model using boundary-fitted coordinates. J. Phys. Oceanogr., 14, 973-982.

480. Spillane, M.C., 1980. A model of wind-forced viscous circulation near coastal boundaries. Ph.D. Thesis, Oregon State University, Corvallis, Oregon, 88 pp.

481. Spindel, R.C. and Y. J.-F. Desaubies, 1983. Eddies and acoustics. In: Eddies in Marine Science, A.R. Robinson (Editor), Springer-Verlag, New York, 525-541.

482. Stegun, G.R., R.D. Muench and J.T. Gunn, 1983. Physical oceanographic conditions in Santa Barbara Channel: April - June 1983. EOS (Abstract only), 64, 1078.

483. Steiner, E.F., 1981. The one-dimensional model predictions of upper ocean temperature changes between San Francisco and Hawaii. M.S. Thesis, Naval Postgraduate School, Monterey, California, 77 pp.

484. Stevenson, J.W., 1980. Response of the surface mixed layer to quasi-geostrophic oceanic motions. Ph.D. Thesis, Harvard University, Cambridge, Massachusetts, 233 pp.

485. Stevenson, J.W., 1983. The seasonal variation of the surface mixed-layer response to the vertical motions of linear Rossby waves. J. Phys. Oceanogr., 13, 1255-1268.

486. Stevenson, J.W. and P.P. Niiler, 1983. Upper ocean heat budget during the Hawaii-to-Tahiti shuttle experiment. J. Phys. Oceanogr., 13, 1894-1907.

487. Stommel, H. and G. Veronis, 1980. Barotropic response to cooling. J. Geophys. Res., 85, 6661-6666.

488. Strong, A.E. and E.P. McClain, 1984. Improved ocean surface temperatures from space -- Comparisons with drifting buoys. Bull. Am. Met. Soc., 65, 138-142.

489. Stuart, D.W. and M.A. Linn, 1983. OPUS data report: Meteorological and aircraft data for OPUS, 1981. Florida State University, Dept. of Meteorology, Tallahassee, Florida.

490. Suginohara, N., 1974. Onset of coastal upwelling in a two-layer ocean by wind stress with longshore variation. J. Oceanogr. Soc. Japan, 30, 23-33.

491. Suginohara, N., 1981. Propagation of coastal trapped waves at low latitudes in a stratified ocean with continental shelf-slope. J. Phys. Oceanogr., 11, 1113-1122.

492. Suginohara, N., 1982. Coastal upwelling: Onshore-offshore circulation, equatorward coastal jet and poleward undercurrent over a continental shelf slope. J. Phys. Oceanogr., 12, 272-284.

493. Suginohara, N. and Y. Kitamura, 1984. Long-term coastal upwelling over a continental shelf-slope. J. Phys. Oceanogr., 14, 1095-1104.

494. Swaters, G.E. and L.A. Mysak, 1984. Topographically induced baroclinic eddies near a coastline, with application to the Northeast Pacific. Submitted to: J. Phys. Oceanogr.

495. Taft, B. and E. Barnov et al., 1978. Preliminary interpretation of POLYMODE synoptic XBT data. POLYMODE News, No. 47.

496. Tai, C.-K., 1983. On determining the large-scale ocean circulation from satellite imagery. J. Geophys. Res., 88, 9553-9565.

497. Talley, L.D., 1984. Meridional heat transport in the Pacific Ocean. J. Phys. Oceanogr., 14, 231-241.

498. The CODE Group, 1983. Coastal ocean dynamics. EOS, 64(36), 538-540.

499. Thomson, R.E., 1983. A comparison between computed and measured oceanic winds near the British Columbia coast. J. Geophys. Res., 88, 2675-2683.

500. Thomson, R.E., 1984. A cyclonic eddy over the continental margin of Vancouver Island: Evidence for dynamic instability. J. Phys. Oceanogr., 14. In press.

501. Thomson, R.E. and W.R. Crawford, 1983. Diurnal period shelf waves along Vancouver Island. EOS (Abstract only), 64, 1093.

502. TOPEX Science Working Group, 1981. Satellite altimetric measurements of the ocean. Jet Propulsion Laboratory, Pasadena, California, 78 pp.

503. Traganza, E.D., J.C. Conrad and L.C. Breaker, 1981. Satellite observations of a cyclonic upwelling system and giant plume in the California Current. In: Coastal Upwelling, F.A. Richards (Editor); an AGU publication, 228-241.

504. Traganza, E.D., D.A. Nestor and A.K. McDonald, 1980. Satellite observations of a nutrient upwelling off the coast of California. J. Geophys. Res., 85, 4101-4106.

505. Traganza, E.D., R.G. Redalje and M.J. Began, 1983. A new view of coastal upwelling ecosystems from satellite IR imagery and a three-dimensional approach to in situ sampling and analysis. EOS (Abstract only), 64, 1093.

506. Traganza, E.D., V.M. Silva, D.M. Austin, W.L. Hanson and S.H. Bronsink, 1983. Nutrient mapping and recurrence of coastal upwelling centers by satellite remote sensing: Its implication to primary production and the sediment record. In: Coastal Upwelling, Pt. A, E. Suass and J. Thiede (Editors), Plenum Publishing Corporation, 61-83.

507. Trowbridge, J., 1983. Wave induced flow near a rough bed: Implication of a time-varying eddy viscosity. Ph.D. Thesis, WHOI-MIT Joint Program in Oceanography and Ocean Engineering, 247 pp.

508. Tsuchiya, M., 1980. Inshore circulation in the Southern California Bight, 1974 - 1977. Deep-Sea Res., 27A, 99-118.

509. Tsuchiya, M., 1982. On the Pacific upper-water circulation. J. Mar. Res., 40, Suppl., 777-799.

510. Tu, K., 1981. A combined statistical and dynamical approach to regional forecast modelling of open ocean currents. Reports in Meteorology and Oceanography, No. 13, Harvard University, Cambridge, Massachusetts. (Ph.D. Thesis.)

511. Van Woert, M., 1982. The subtropical front: Satellite observations during FRONTS 80. J. Geophys. Res., 87, 9523-9536.

512. Veronis, G., 1981. Dynamics of large-scale ocean circulation. In: Evolution of Physical Oceanography, B. Warren and C. Wunsch (Editors), The MIT Press, 623 pp.

513. Walsh, J.E. and M.B. Richman, 1981. Seasonality in the associations between surface temperatures over the United States and the North Pacific Ocean. Mon. Wea. Rev., 109, 767-783.

514. Walstad, L.J., 1984. Upper layer model and assimilation of satellite IR imagery. Submitted to: EOS (Abstract only).

515. Walstad, L.J., A.R. Robinson and W.G. Leslie, 1983. Dynamics of the Polymode region: Forecast modeling with a quasigeostrophic baroclinic open ocean model. EOS (Abstract only), 64, 1018.

516. Wang, D.P., 1980. Diffraction of continental shelf waves by irregular alongshore geometry. J. Phys. Oceanogr., 10, 1187-1199.

517. Wang, D.P., 1982. Effects of continental slope on mean shelf circulation. J. Phys. Oceanogr., 12, 1524-1526.

518. Warn-Varnas, A., M. Clancy, M. Morris, P. Martin and S. Horton, 1982. Studies of large-scale thermal variability with a synoptic mixed-layer model. NORDA Technical Note 156, NORDA, NSTL Station, Mississippi, 33 pp.

519. Warn-Varnas, A.W., G.M. Dawson and P.J. Martin, 1981. Forecasts and studies of the oceanic mixed layer during the MILE experiment. Geophys. Astrophys. Fluid Dyn., 17, 63-85.

520. Warren, B.A., 1983. Why is no deep water formed in the North Pacific? J. Mar. Res., 41, 327-347.

521. Warren, B.A. and C. Wunsch (Editors), 1981. Evolution of Physical Oceanography. The MIT Press, Cambridge, Massachusetts, 620 pp.

522. Warrenfeltz, L.L., 1980. Data assimilation in a one-dimensional oceanic mixed layer model. M.S. Thesis, Naval Postgraduate School, Monterey, California, 108 pp.

523. Werner, F.E. and B.M. Hickey, 1983. The role of the longshore pressure gradient in Pacific Northwest coastal dynamics. J. Phys. Oceanogr., 13, 395-410.

524. White, W.B., 1982. Traveling wave-like mesoscale perturbations in the North Pacific Current. J. Phys. Oceanogr., 12, 231-243.

525. White, W.B. and R.L. Bernstein, 1979. Design of an oceanographic network in the midlatitude North Pacific. J. Phys. Oceanogr., 9, 592-606.

526. White, W., G. McNally, S. Pazan and R. Dickson, 1980. The thermocline response to transient atmospheric forcing in the interior midlatitude North Pacific 1976 - 1978. J. Phys. Oceanogr., 10, 372-384.

527. White, W. and S. Pazan, 1984. Short-term climatic variability of Pacific upper layer thermal structure, 1979 - 1982. EOS (Abstract only), 65, 229.

528. White, W.B. and J.F.T. Saur, 1981. A source of annual baroclinic waves in the eastern subtropical North Pacific. J. Phys. Oceanogr., 11, 1452-1462.

529. White, W.B. and J.F.T. Saur, 1983. Sources of interannual baroclinic waves in the eastern subtropical North Pacific. J. Phys. Oceanogr., 13, 531-544.

530. Wiberg, P. and J.D. Smith, 1983. A comparison of field data and theoretical models for wave-current interactions at the bed on the continental shelf. Continental Shelf Research, 2, 126-136.

531. Wickham, J.B., C.N.K. Mooers and A.A. Bird, 1984. Flow and structure of the waters over the continental slope off central California. In preparation.

532. Willebrand, J., 1978. Temporal and spatial scales of the wind field over the North Pacific and North Atlantic. J. Phys. Oceanogr., 8, 1080-1094.

533. Willebrand, J., S.G.H. Philander and R.C. Pacanowski, 1980. The oceanic response to large-scale atmospheric disturbances. J. Phys. Oceanogr., 10, 411-429.

534. Williams, R.T., 1978. Use of Galerkin methods in numerical weather prediction. NPS Technical Report, NPS 63-78-006, Naval Postgraduate School, Monterey, California, 45 pp.

535. Willmott, A.J., 1983. The influence of a coastal headland on oceanic boundary currents. Geophys. Astrophys. Fluid Dynamics, 23, 273-299.

536. Willmott, A.J., 1984. Forced double Kelvin waves in a stratified ocean. J. Mar. Res., 42, 319-358.

537. Willmott, A.J. and L.A. Mysak, 1980. Atmospherically forced eddies in the northeast Pacific. J. Phys. Oceanogr., 10, 1769-1791.

538. Winant, , C.D., 1980. Coastal circulation and wind-induced currents. Ann. Rev. Fluid Mech., 12, 271-301.

539. Winant, C.D., 1983. Longshore coherence of currents on the Southern California shelf during the summer. J. Phys. Oceanogr., 13, 54-64.

540. Winant, C.D. and A.W. Bratkovich, 1981. Temperature and currents on the Southern California shelf: A description of the variability. J. Phys. Oceanogr., 11, 71-86.

541. Winant, C.D. and A.W. Bratkovich, 1983. CODE-1: Moored current observations. In: CODE-1 Moored Data Report, L.K. Rosenfeld (Editor), Woods Hole Oceanographic Institution, Tech. Rep. In press.

542. Winant, C.D. and R.E. Davis, 1983. A comparison of currents observed during the CODE-1 and CODE-2 experiments. EOS (Abstract only), 64, 717.

543. Wittman, P.A. and T.P. Stanton, 1984. OPTOMA 11 ADVP absolute current profile measurements. Submitted to: EOS (Abstract only).

544. World Meteorological Organization, 1983. Drifting buoys in support of marine meteorological services. Marine Meteorology and Related Oceanographic Activities, Rep. No. 11.

545. Wright, D.G, 1980. On the stability of a fluid with specialized density stratification: Part II: Mixed baroclinic-barotropic instability with application to the Northeast Pacific. J. Phys. Oceanogr., 10, 1307-1322.

546. Wyrtki, K., 1983. The ocean's response during the 1982/83 El Niño. EOS (Abstract only), 64, 719.

547. Wyrtki, K., L. Magaard and J. Hager, 1976. Eddy energy in the oceans. J. Geophys. Res., 81, 2641-2646.

548. Yoon, J.-H. and S.G.H. Philander, 1982. The generation of coastal undercurrents. J. Oceanogr. Soc. Japan, 38, 215-224.

549. Yoshida, K., 1980. The coastal undercurrent -- a role of longshore scales in coastal upwelling dynamics. Prog. Oceanogr., 9, 83-131.

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